# Declaration of Performance

# T4305OPCPR

1. Unique identification code of the product-type:

   Power-teK BD 620, Power-teK BD 620 ALU, Thermo-teK BD 070, Thermo-teK BD 070 ALU, Thermo-teK BD 070 VWS, Thermo-teK BD 070 VBS, Thermo-teK BD 070 WBS, Thermo-teK BD 080, Thermo-teK BD 080 ALU, Thermo-teK BD 080 VWS, Thermo-teK BD 080 VBS, Thermo-teK BD 080 WBS

2. Intended use or uses:

   Thermal Insulation products for building equipment and industrial installations

3. Manufacturer:

   Knauf Insulation d.o.o.
   Varaždinska 140, 42220 Novi Marof
   Croatia
   www.knaufinsulation.com - dop@knaufinsulation.com

4. Authorised representative:

   Not applicable

5. System or systems of assessment and verification of constancy of performance:

   AVCP System 1 for Reaction to Fire
   AVCP System 3 for the other characteristics

6a. Harmonized Standard:

   EN 14303:2009 + A1:2013

   Notified body or bodies:

   AVCP System 1: (Notified certification body) 0751 - Forschungsinstitut für Wärmeschutz e. V. München FIW München - - -

   AVCP System 3: (Notified testing laboratory) 0751 - Forschungsinstitut für Wärmeschutz e. V. München FIW München - - - - - - - - -

6b. European Assessment document: not applicable
   European Technical Assessment: not applicable
   Technical Assessment Body: not applicable
   Notified body/ies: not applicable

7. Declared Performances:

   See next page

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Power-teK BD 620** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 620 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 620 °C | |
| Thermal Resistance | Dimensions & Tolerances | 20 - 200 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 50 | 0,039 | |
| | 100 | 0,046 | |
| | 200 | 0,065 | |
| | 300 | 0,089 | |
| | 400 | 0,120 | |
| | 500 | 0,160 | |
| | 600 | 0,209 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Power-teK BD 620 ALU** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | MV2 | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 620 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 620 °C | |
| Thermal Resistance | Dimensions & Tolerances | 20 - 120 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 50 | 0,039 | |
| | 100 | 0,046 | |
| | 200 | 0,065 | |
| | 300 | 0,089 | |
| | 400 | 0,120 | |
| | 500 | 0,160 | |
| | 600 | 0,209 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 070** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 20 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | T4305OPCPR | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 070 ALU** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | MV2 | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 30 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 070 VBS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 30 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 070 VWS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 30 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 070 WBS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 30 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 080** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 20 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 080 ALU** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | MV2 | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 25 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | T4305OPCPR | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 080 VBS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 25 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 080 VWS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 25 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

| Essential Characteristics | **T4305OPCPR** | | Harmonised Technical Standard |
|---|---|---|---|
| | Performance | **Thermo-teK BD 080 WBS** | |
| Reaction to fire | Reaction to fire | A1 | EN 14303:2009 + A1:2013 |
| Acoustic Absorption Index | Sound Absorption | NPD | |
| Water Permeability | Water Absorption | WS1 | |
| Water Vapour Permeability | Water Vapour Diffusion Resistance | NPD | |
| Compressive Strength | Compressive Stress or Compressive Strength for Flat Products | NPD | |
| Rate of release of corrosive substances | Trace quantities of water-soluble ions and the pH-value | CL10 | |
| Release of Dangerous Substances to the indoor environment | Release of Dangerous Substances | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Durability of reaction to fire against ageing / degradation | Durability characteristics | NPD {b} | |
| Durability of thermal resistance against ageing/degradation | Thermal Conductivity | NPD {c} | |
| | Dimensional Stability | NPD | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| | Durability characteristics | NPD | |
| Durability of reaction to fire against high temperature | Durability characteristics | NPD {d} | |
| Durability of thermal resistance against high temperature | Durability Characteristics | NPD {c} | |
| | Maximum service temperature - dimensional stability | 250 °C | |
| Thermal Resistance | Dimensions & Tolerances | 25 - 255 / T5 | |
| | Thermal conductivity (W/mk) at Temperature in °C: 10 | 0,035 | |
| | 40 | 0,038 | |
| | 50 | 0,039 | |
| | 100 | 0,046 | |
| | 150 | 0,056 | |
| | 200 | 0,065 | |
| | 250 | 0,077 | |
| | NPD | NPD | |
| | NPD | NPD | |

NPD - No performance determined

8. Appropriate Technical Documentation and / or Specific Technical Documentation:

Not applicable
The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for an on behalf of the manufacturer by:

Stjepan Mršić - Plant manager

(Name and function)

Novi Marof - 07-02-20

(Place and date of issue)

Footnotes

{a} The requirement on a certain characteristic is not applicable in those Member Stats (MSs) where there are no regulatory requirements on that characteristic for the intended use of the product. In this case, manufacturers placing their products on the market of these MSs are not obliged to determine nor declare the performance of their products with regard to this characteristic and the option 'No performance determined' (NPD) in the information accompanying the CE marking (see ZS.3) may be used. The NPD option may not be used, however, where the characteristic is subject to a threshold level (thermal resistance (thermal conductivity and thickness)).

{b} The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic contents, which cannot increase with time.

{c} Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

{d} The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.