

**Euremelt® 1166**

**Copolyamide**

**Applications** Thermoplastic hot melt adhesive; binder for sand core moulds

**Properties** Very low melt viscosity, high heat stability under load

<b>Key data</b>			
<b>Specified key data</b>			
<b>Colour (Gardner) (ISO 4630)</b>	£ 8		
<b>Amine value (ISO 9702)</b>	£ 4		[mg KOH/g]
<b>Acid value (ISO 2114)</b>	£ 7		[mg KOH/g]
<b>Softening point R+B (ISO 4625)</b>	170 - 176		[°C]
<b>Melt viscosity at 180 °C (ISO 2884)</b>	0.2 - 0.4		[Pa s]

Specified key data are individually checked throughout and guaranteed.

<b>Typical key data</b>			
Open time – on silicon paper at 23 °C (application temperature: 200°C)	1 - 5		[sec.]
Open time – canal method at 23 °C (application temperature: 200°C)	20 - 26		[sec.]
Setting time – on Nora-Testrubber at 23 °C (application temperature: 200°C)	1 - 3		[sec.]
Application temperature	190 - 220		[°C]
As-supplied form	granulate in 25 kg paper bags		
Shelf life (dry environment, storage temperature between +2 and +40 °C)	the quality of our hot melt adhesives remains stable for at least 2 years		
Hazardous decomposition products (when disposed of in fire)	burning produces harmful and poisonous gases and vapours carbon oxides and nitrogen oxides		
Disposal	simple disposal approved by local authorities		

Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.

**Storage** Euremelt® 1166 should be stored in a dry place, preferably in the sealed original paper bag, at temperatures between 2 and 40 °C.

**Handling precautions** Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.

**Note** Euremelt® is a registered trademark of Huntsman LLC or an affiliate thereof.

Huntsman LLC  
®Registered trademark



IMPORTANT: The following supersedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.