

Euremelt® 1166 Polyamide Hot Melt Adhesive

Product Description

Euremelt® 1166 is a polyamide thermoplastic hot melt adhesive. It is recommended for bonding steel, aluminum, wood, ceramics and a variety of polymeric substrates. It can also be used as a binder for sand core molds.

Features

- Very low melt viscosity
- Short open time
- High heat stability under load

Typical Physical Properties*

Property	Test Method	Value
Form as supplied	Visual	Amber Pellets
Color, Gardner	ISO4630	≤ 8
Amine value	ISO 9702	≤ 4 mg KOH/g
Acid value	ISO 2114	≤ 7 mg KOH/g
Softening point R+B	ISO 4625	342 - 352 °F (172 - 178 °C)
Melt viscosity at 356 °F (180 °C)	ISO 2884	200 - 400 cP (0.2 - 0.4 Pa·s)
at 392 °F (200 °C)		130 cP (0.13 Pa·s)
Application temperature		374 - 428 °F (180 - 220 °C)
Open time, on silicon paper at 73 °F (23 °C)		1 - 5 sec
Application temperature: 392 °F (200 °C)		
Open time, canal method at 73 °F (23 °C)		22 - 26 sec
Application temperature: 392 °F (200 °C)		
Setting time, Nora-Testrubber at 73 °F (23 °C)		1 - 3 sec
Application temperature: 392 °F (200 °C)		
Shore Hardness at 73 °F (23 °C)	Durometer	96 Shore A
		40 Shore D

*Properties are based on Huntsman test methods. Copies are available upon request.

Storage

Euremelt® 1166 has a **2 year** shelf life when stored in a dry place in its original packaging at a temperature between 36°F and 104°F (2°C and 40°C),. The product should not be stored exposed to direct sunlight

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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