

## Euremelt<sup>®</sup> 2170 Polyamide Hot Melt Adhesive

### Product Description

Euremelt<sup>®</sup> 2170 is a polyamide thermoplastic hot melt adhesive used for bonding different materials like metals, wood, and plastics.

### Features

- High softening point
- Good thermal resistance under load
- High flexibility
- Low viscosity
- UL 94 V-0 rated flammability

### Typical Physical Properties\*

Property		Test Method	Value
Form as supplied		Visual	Amber Pellets
Color, Gardner		ISO 4630	≤ 10
Amine value, mg KOH/g		ISO 9702	≤ 2
Acid value, mg KOH/g		ISO 2114	≤ 9
Softening point R+B, °F (°C)		ISO 4625	333 - 347 (167 - 175)
Melt viscosity, cP (Pa•s)	at 392 °F (200 °C)	ISO 2884	5,200 - 6,400 (5.2 - 6.4)
	at 428 °F (220 °C)	ISO 2884	2,700 (2.7)
Application temperature, °F (°C)			356 - 428 (180 - 220)
Open time, on silicon paper at 73 °F (23 °C), sec			1 - 5
Application temperature: 392 °F (200 °C)			
Open time, canal method at 73 °F (23 °C), sec			24 - 30
Application temperature: 392 °F (200 °C)			
Setting time, Nora-Testrubber at 73 °F (23 °C), sec			1 - 3
Application temperature: 392 °F (200 °C)			
Hardness at 73 °F (23 °C)	Shore A	DIN ISO 7619	93
	Shore D	DIN ISO 7619	40
Flammability		UL 94	V-0 (4.0 - 4.4mm)

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

## **Storage**

**Euremelt® 2170** 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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