

Euremelt[®] 3413 Polyamide Hot Melt Adhesive

Product Description

Euremelt[®] 3413 is a polyamide thermoplastic hot melt adhesive used for bonding PVC, ABS, PC, and other plastics. It is recommended for casting of electrical devices by low pressure injection molding.

Features

- High flexibility, even at low temperatures

Typical Physical Properties*

Property	Test Method	Value
Form as supplied	Visual	Amber Pellets
Amine value, mg KOH/g	ISO 9702	≤ 3
Acid value, mg KOH/g	ISO 2114	≤ 10
R+B softening point, °F (°C)	ISO 4625	302 - 320 (150 - 160)
Melt viscosity, cP (Pa•s) at 410 °F (210 °C) at 392 °F (200 °C)	ISO 2884	2,800 - 4,000 (2.8 - 4.0)
		4,000 (4.0)
Application temperature, °F (°C)		392 - 446 (200 - 230)
Open time, on silicon paper at 73 °F (23 °C), sec Application temperature: 392 °F (200 °C)		6 - 10
Open time, canal method at 73 °F (23 °C), sec Application temperature: 392 °F (200 °C)		20 - 28
Setting time, Nora-Testrubber at 73 °F (23 °C), sec Application temperature: 392 °F (200 °C)		1 - 3
Durometer Hardness at 73 °F (23 °C), Shore	DIN ISO 7619	86A / 28D
Low temperature flexibility, °F (°C)	ASTM D3111	-31 (-35)
Tensile strength at 73°F (23°C), psi (N/mm ²)	DIN EN ISO 527	580 (4)
Elongation at tensile strength, %	DIN EN ISO 527	250
Dielectric constant, MHz		3.5
Specific resistance at 75°F (24 °C), Ω cm		3 x 10 ¹²
Dielectric strength, kV/mm		23
Tracking resistance		CTI 600 (Test solution A)
Water absorption at 73°F (23°C) after 14 days after 28 days after 24 hours after 4 days	DIN EN ISO 62	0.7 % 1.5 % 2.35 % 2.75 %

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

Storage

Euremelt® 3413 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

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

Important Legal Notice

Sales of the product described herein ("Product") are subject to the general terms and conditions of sale of either Huntsman Advanced Materials LLC, or its appropriate affiliate including without limitation Huntsman Advanced Materials (Europe) BVBA, Huntsman Advanced Materials Americas Inc., or Huntsman Advanced Materials (Hong Kong) Ltd. ("Huntsman"). The following supercedes Buyer's documents.

Huntsman warrants that at the time and place of delivery all Products sold to Buyer shall conform to the specifications provided to Buyer by Huntsman.

While the information and recommendations included in this publication are, to the best of Huntsman's knowledge, accurate as of the date of publication, NOTHING CONTAINED HEREIN (EXCEPT AS SET FORTH ABOVE REGARDING CONFORMANCE WITH SPECIFICATIONS PROVIDED TO BUYER BY HUNTSMAN) IS TO BE CONSTRUED AS A REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS, OR WARRANTIES AS TO QUALITY OR CORRESPONDENCE WITH PRIOR DESCRIPTION OR SAMPLE, AND THE BUYER ASSUMES ALL RISK AND LIABILITY WHATSOEVER RESULTING FROM THE USE OF SUCH PRODUCT, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER SUBSTANCES.

No statements or recommendations made herein are to be construed as a representation about the suitability of any Product for the particular application of Buyer or user or as an inducement to infringe any patent or other intellectual property right. Buyer is responsible to determine the applicability of such information and recommendations and the suitability of any Product for its own particular purpose, and to ensure that its intended use of the Product does not infringe any intellectual property rights.

The Product may be or become hazardous. The Buyer should obtain Material Safety Data Sheets and Technical Data Sheets from Huntsman containing detailed information on Product hazards and toxicity, together with proper shipping, handling and storage procedures for the Product, and should comply with all applicable governmental laws, regulations and standards relating to the handling, use, storage, distribution and disposal of, and exposure to the Product. Buyer shall also take all steps necessary to adequately inform, warn and familiarize its employees, agents, direct and indirect customers and contractors who may handle or be exposed to the Product of all hazards pertaining to and proper procedures for safe handling, use, storage, transportation and disposal of and exposure to the Product, and the containers or equipment in which the Product may be handled, shipped or stored.

Euremelt is a registered trademark of Huntsman LLC or an affiliate thereof in one or more, but not all countries.

© 2015 Huntsman Advanced Materials Inc.

Main Offices:

Huntsman Corporation
10003 Woodloch Forest Dr
The Woodlands, TX 77380
888-564-9318

Huntsman Advanced Technology Center
8600 Gosling Rd.
The Woodlands, TX 77381
281-719-7400