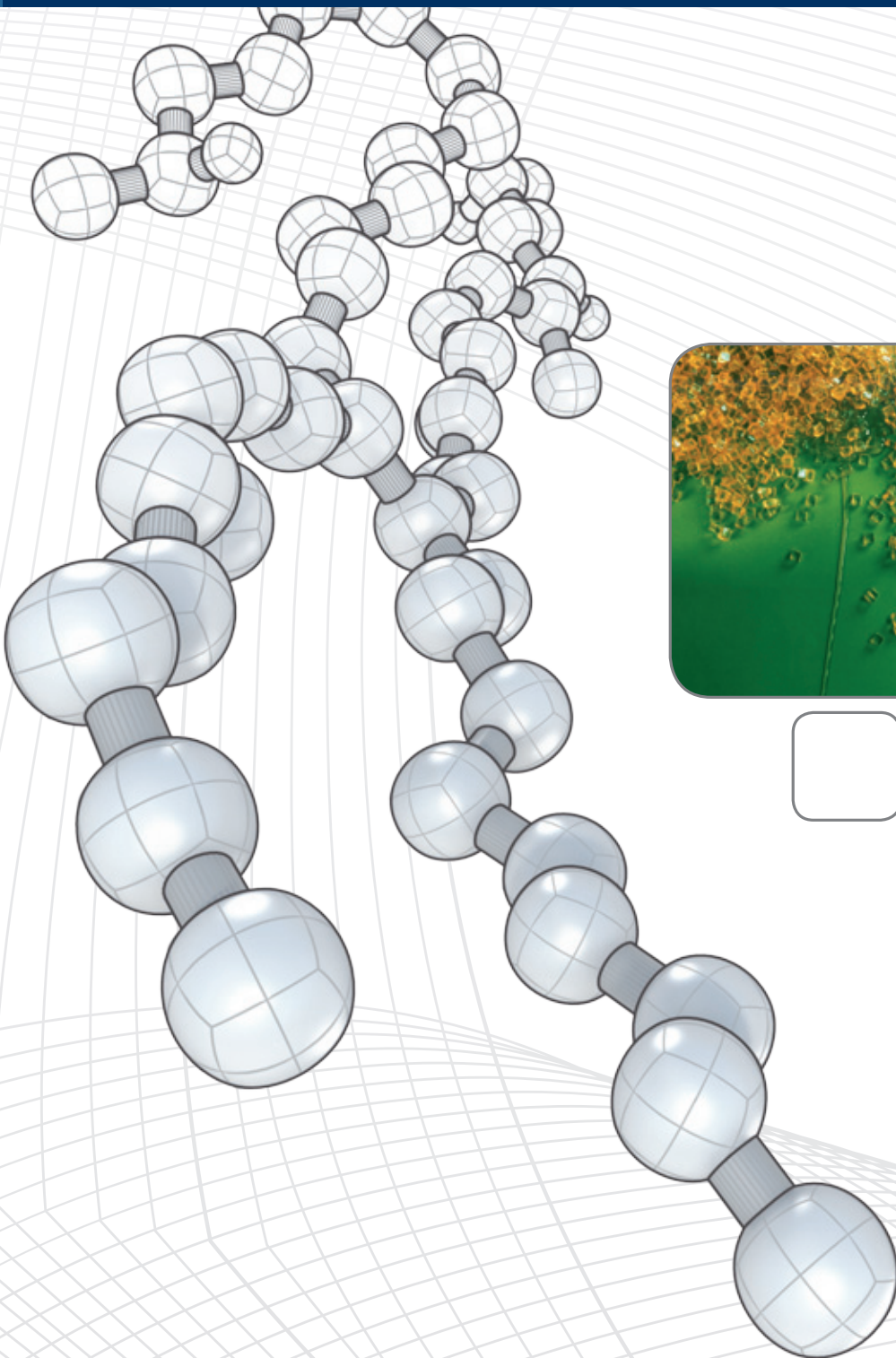
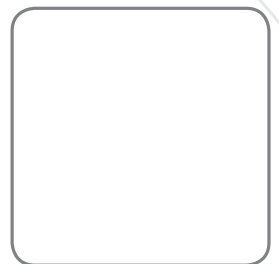


Advanced Materials

Thermoplastic polyamide adhesives



Selector guide
for hot melt
bonding



Euremelt®

Hot melt adhesives
and encapsulants

Thermoplastic polymers to build your properties

Euremelt® polyamides are used by many different industries and perform as adhesives or sealants for joining, fixing, sealing or protecting/insulating in a wide variety of end use applications including automotive, electrical, transportation, filters, packaging, telecommunications and cable, wood assembly and furniture, shoes and textiles.

These thermoplastic polymers are mainly based on dimerized fatty acids and contain up to 90% renewable resources. They are applied in molten state and then rapidly set upon cooling, forming a strong bond to a variety of dissimilar substrates including metals, plastics like PVC, ABS, PC and most types of porous substrates.

Euremelt® hot melt adhesives can be applied via a hand-gun or using continuous processing with glue line and spray coating nozzles. They can also be processed via gravure roller or with injection molding.

Easy to handle

- > Tack-free granulate at room temperature
- > Free of solvents and other harmful chemicals
- > Polymers, no labeling

Quick and easy to process

- > No chemical reaction, only physical hardening on cooling
- > High production speeds and short cycle times
- > Low operational costs (no solvent, no mixing and no curing)
- > Clean processing, low waste

Euremelt® hot-melt polyamides have been developed to offer a wide variety of tailored combinations between adhesion performance, strength, flexibility, hardness, melting and the softening point.

With a wealth of experience behind them, Huntsman's technical support specialists can help you to identify the right Euremelt® product and to define or adapt the proper processing conditions.



Polyamide hot melt adhesives

Product designation	Softening point	Melt viscosity	Amine value	Acid value	Color	Application, typical substrates
Unit / scale	°C	Pa·s	mg KOH/g	mg KOH/g	Gardner	
Euremelt® 930-1	105 - 115	2.1 - 2.7 at 165°C	< 6	< 8	< 10	Product assembly, porous substrates and metals
Euremelt® 1133	128 - 136	2.0 - 3.0 at 165°C	< 4	< 9		Product assembly, porous substrates and metals
Euremelt® 1166	172 - 178	0.2 - 0.4 at 180°C	< 4	< 7	< 8	Product assembly, porous substrates and plastics
Euremelt® 2095-1	90 - 100	0.9 - 1.5 at 160°C	< 5	< 7	< 10	Product assembly, plastics, metals
Euremelt® 2096	92 - 102	2.1 - 2.7 at 160°C	< 3	< 8	< 10	Product assembly, plastics, metals
Euremelt® 2110	100 - 110	33.0 - 43.0 at 160°C	< 3	< 8	< 8	Shrinkable sleeves, pretreated PE, PVC
Euremelt® 2115	110 - 120	5.0 - 7.0 at 160°C	< 4	< 8	< 10	Product assembly, plastics, metals
Euremelt® 2130	125 - 135	3.0 - 4.6 at 200°C	< 7	< 7	< 15	Product assembly, plastics, metals
Euremelt® 2137	140 - 150	3.5 - 5.5 at 210°C	< 2	< 8	< 8	Bonding of plastics, PVC, ABS, PC
Euremelt® 2138	138 - 148	12.0 - 18.0 at 200°C	< 4	< 6	< 10	Bonding of plastics, PVC, ABS, PC
Euremelt® 2140	135 - 145	7.6 - 10.0 at 225°C	< 9	< 2	< 6	Best product for bonding of plastics
Euremelt® 2147	137 - 145	1.1 - 1.6 at 180°C	41 - 49	< 2	< 10	Product assembly, plastics, FRP, metals
Euremelt® 2170	167 - 175	5.2 - 6.4 at 200°C	< 2	< 9	< 10	Casting by injection molding, plastics
Euremelt® 2194 S	188 - 195	33.0 - 38.0 at 220°C	< 2	< 2	< 10	Filter industry
Euremelt® 2210	197 - 209	4.5 - 6.5 at 220°C	< 6	< 6	< 7	Filter industry
Euremelt® 2809	105 - 115	0.8 - 1.2 at 165°C	< 5	< 9	< 10	Casting or coating, porous substrates and metals
Euremelt® 2840	135 - 145	15.0 - 21.0 at 200°C	< 13	< 2	< 6	Bonding of plastics, PVC, ABS, PC
Euremelt® 2860	155 - 165	7.0 - 11.0 at 190°C	< 3	< 10	< 10	Bonding of plastics, PVC, ABS
Euremelt® 2870	160 - 170	3.5 - 5.5 at 200°C	< 3	< 9	< 10	Filter industry
Euremelt® 2888	185 - 190	4.0 - 6.0 at 200°C	< 7	< 2	< 10	Filter industry
Euremelt® 2898	94 - 98	11.0 - 13.0 at 150°C	< 2	< 20	< 8	Product assembly, porous substrates and metals
Euremelt® 3413	150 - 160	2.8 - 4.0 at 210°C	< 3	< 10		Casting by injection molding, plastics
Euremelt® 3413 Black	152 - 162	2.8 - 4.0 at 210°C	< 3	< 10	black	Casting by injection molding, plastics
Euremelt® 2320	121 - 127 (Kofler)	70 - 90 at 220°C	< 2	< 3	< 4	Textile industry
Euremelt® 2821	121 - 127 (Kofler)	110 - 130 at 220°C	< 5	< 6	< 6	Textile industry

Huntsman Advanced Materials

Our Advanced Materials division is a leading global chemical solutions provider with a long heritage of pioneering technologically advanced epoxy, acrylic and polyurethane-based polymer products.

Our capabilities in high-performance adhesives and composites, delivered by more than 1 600 associates, serve over 2 000 global customers with innovative, tailor-made solutions and more than 1 500 products which address global engineering challenges.

Global presence – 13 manufacturing sites



HUNTSMAN

Enriching lives through innovation

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