

Euremelt® 2137**Copolyamide**

Applications	Thermoplastic hotmelt adhesive
Properties	High flexibility, good adhesion to many different materials like metals, wood and plastics like PVC or ABS

Key data **Specified key data**

Colour (Gardner) (ISO 4630)	max. 8	
Amine value (ISO 9702)	max. 2	[mg KOH/g]
Acid value (ISO 2114)	max. 8	[mg KOH/g]
Softening point R+B (ISO 4625)	145 ± 5	[°C]
Melt viscosity at 210 °C (ISO 2884)	4,5 ± 1	[Pa s]

Specified key data are individually checked throughout, guaranteed, and included in the Certificates of Analysis (CoAs).

Typical key data

Open time – on silicon paper at 23 °C (application temperature: 200°C)	33 ± 2	[sec.]
Open time – canal method at 23 °C (application temperature: 200°C)	40 ± 3	[sec.]
Setting time – on Nora-Testrubber at 23 °C (application temperature: 200°C)	2 ± 1	[sec.]
Oxidation stability (internal test, skin formation under circulating air at 200 °C)	> 8	[hour]
Shore-hardness at 23 °C (according to DIN 53505)	90 ± 3 35 ± 3	Shore - A Shore - D
Low temperature flexibility (according to ASTM D 3111)	- 5 ± 5	[°C]
Water absorption at 23°C (according to DIN 53495, method 1L)		
after 4 days	1,0 ± 0,3	[%]
after 14 days	2,1 ± 0,3	[%]
after 28 days	2,9 ± 0,3	[%]
Tensile test at 23°C (according to DIN 53455)		
- tensile strength	≥ 4	[N/mm ²]
- elongation at tear	≥ 350	[%]
Tensile shear test on steel at 23°C (according to DIN 53283)	≥ 9	N/mm ²
Initial peel strength on steel at 23°C (according to DIN 53282)	≥ 11	[N/mm]
Application temperature	180 - 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 or included in the CoAs.

Storage	Euremelt® 2137 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.

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