



BETAMATE™ 1120

Structural Adhesives

BETAMATE™ 1120 is a one-component, high performance, heat-curing, fracture-toughened epoxy adhesive. BETAMATE™ 1120 is capable of bonding oily metal substrates and provides excellent long term durability, good impact-peel strength as measured by ISO 11343. Typical applications include bonding of the vehicle body structure and closure hem flange applications.

Product information

Colour	Green	
Density	1.35 g/cm ³	ISO 845

Rheological properties

Viscosity, Casson	≥60 Pa.s
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Typical mechanical properties

Stress at break	35 MPa	ISO 1798
Strain at break	7.2 %	ISO 1798
Lap shear strength, 3 days	≥28 MPa	DIN EN 1465
Peel strength, T-Peel	7 N/mm	ISO 11339
Peel strength, Impact-Peel	20 N/mm	ISO 11343

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