



BETAMATE™ 6180

Structural Adhesives

BETAMATE™ 6180 is a one-component, heat-curing, epoxy-based adhesive especially developed for the body shop. It has excellent adhesion for metal substrate (aluminum and steel) applications.

BETAMATE™ 6180 has excellent adhesion for aluminum bonding with excellent stress durability, high sag resistance, high wash off resistance and exceptionally high -40°C peel strength. Typical applications include bonding of the vehicle body structure and closure hem flange applications.

Product information

Colour	Red	
Density	1.27 g/cm ³	ISO 845

Rheological properties

Viscosity, Casson	≥35 Pa.s
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Typical mechanical properties

Stress at break	43 MPa	ISO 1798
Strain at break	5 %	ISO 1798
Lap shear strength, 3 days	≥21 MPa	DIN EN 1465
Peel strength, Impact-Peel	20 N/mm	ISO 11343

Characteristics

Compatibility	Metals
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