



BETASEAL™ 900EI

Glass Bonding Systems

BETASEAL™ 900EI is a one-component, moisture-curing, non-conductive polyurethane-based adhesive especially developed for battery pack assembly and sealing.

BETASEAL™ 900EI has low VOC, durable adhesion to e-coated aluminum or steel, good gap bridging capability and is fast-curing. BETASEAL™ 900EI has an optimized modulus and high electrical resistance. It is formulated to withstand pressure.

BETASEAL™ 900EI exhibits excellent sealing against environmental factors and is field serviceable.

Product information

Colour	Black	
Density	1.29 g/cm ³	ISO 845
Solid content	≥98 %	

Rheological properties

Cup Viscosity	20 - 50 s
Cup Type	Ford #4

Typical mechanical properties

Stress at break	1000 psi	ISO 1798
Strain at break	150 %	ISO 1798
Lap shear strength, 3 days	≥500 psi	DIN EN 1465
Shore hardness A	70 - 82	DIN 53505

Thermal properties

Flash point	230 °F	ASTM D 92
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Storage and stability

Shelf life	180 ^[1] days
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[1]: Short time storage temperatures: 0°C/32°F to 40°C/104°F. From date of manufacture at +5°C/41°F to +35°C/95°F in unopened containers.

Characteristics

Compatibility	Glass
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