

BETALINK™ 38

Plastic Bonding Systems

BETALINK™ 38 is a 2-component silane modified-polymer adhesive that achieves regardless of the ambient moisture fast curing, high build-up strength and permanent elasticity. Due to the silane modified-polymer chemistry it has a good adhesion to various substrates, even on moisture-impermeable one.

- Very good adhesion on a wide range of substrates like metals, powder-coated, varnished, galvanized, anodized, chromed or hot zinc dipped surfaces, various plastics
- Paintable
- Very good sealing properties
- Excellent weather resistance and durability
- Corrosion protecting
- Impact and vibration resistant (shock absorbing)
- Free of solvents, isocyanates and silicones
- Odorless
- Tolerance compensating

All DuPont products are primarily developed in co-operation with the automobile manufacturers, according to their needs and their specifications, they are approved for the specific applications as defined by the customer. The use of the product other than approved application must be released in written form by the Technical Service of DuPont.

Unless specified otherwise test are conducted at 23°C/50% relative humidity.

Component A

Density	1.32 - 1.42 g/cm ³
Viscosity, DIN-cup, 4mm	180 - 220 ^[1] s

[1]: Comp. A: at 23°C / 2.9mm nozzle / 5.5bar / g/15s

Component B

Density	1.31 - 1.41 g/cm ³
Viscosity, DIN-cup, 4mm	600 - 1000 ^[2] s

[2]: Comp. B: at 23°C / 2.9mm nozzle / 5.5bar / g/15s

Product information

Colour	Gray ^[3]
Basis	2-component Silane Modified Polymers

[3]: Light gray

Rheological properties

Cup Type	DIN-cup, 4mm
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Application technique

Working time	10 - 15 min
Mixing ratio	1:1 ^[4]
Processing temperature	41 - 104 °F
[4]: 1:1 volumetric	

Cured properties

Temperature stability	-40 - 194 °F
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Typical mechanical properties

Stress at break	348 psi	ISO 1798
Strain at break	300 %	ISO 1798
Lap shear strength, 7 days	≥174 psi	DIN EN 1465
Shore hardness A	≥53	DIN 53505

Storage and stability

Shelf life	12 ^[5] months
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[5]: After production. Storage conditions: +10°C to +25°C in unopened containers.

Characteristics

Compatibility	Composites, Paint
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Additional information

Adhesives	Bonding surface preparation
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All bonding surfaces must be free of dirt, dust, water, oil and grease. BETALINK™ 38 has good adhesion properties on a large variety of substrates without special surface preparation. On certain kind of substrates, for a permanent bond it is necessary a pretreatment with wipes and/or primers. Verify compatibility or consult our technical service department for further details.

Application Equipment

Cartridges: Application with a standard 1-component pneumatic or electrical gun with piston bar (no direct air guns!).

Drums, Pails: Robotic pump system possible.

Upon request our application specialists can give support to select the right application system for your application.



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Cleaning

Uncured material can be removed with BETACLEAN™ 3500. Hardened adhesive residues can only be removed mechanically. Immerse equipment in BETACLEAN™ 3000.

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Page: 3 of 3

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