



RHOPLEX™ N-580 Adhesive

Pressure Sensitive Adhesive

Regional Product Availability

- North America

Description

RHOPLEX™ N-580 Adhesive is an acrylic emulsion which may be used neat or as an adhesive formulating base.

RHOPLEX N-580 Adhesive features high tack and an excellent balance of peel and shear strength. The polymer displays excellent adhesion to a variety of substrates.

Typical Applications

RHOPLEX™ N-580 Adhesive is suggested for use where permanent pressure-sensitive bonds are required.

Typical Physical Properties

(These properties are typical but do not constitute specifications.)

Property	Value
Polymer Type	Acrylic
Appearance	Milky White
Solids, %	55
pH	8.4
Brookfield RVC Viscosity, cps (#2 spindle, 60 RPM @ 25°C)	<125
Density: lbs/U.S. gal gm/ml	8.6 1.03
Tg, °C	-42
Particle Charge	Anionic
Freeze/Thaw Stability	Protect from freezing

Typical Performance Results

(These properties are typical but do not constitute specifications.)

Performance results on 2 mil polyester film are given below. Coat weight is 16 lbs/3000 ft ² .	
180° Peel, SS	25 oz/in (6.9 n/in)
Loop Tack, SS	12 oz/in ² (3.3 n/in)
Static Shear, SS	>80 hours

FDA Status

RHOPLEX™ N-580 Adhesive complies with applicable requirements of FDA Food Additive Regulations 21CFR 175.105 (Adhesives), 21CFR176.170* (Components of paper and paperboard in contact with aqueous and fatty foods) and 21CFR176.180 (Components of paper and paperboard in contact with dry food). We recommend that you make your own determination on the suitability of RHOPLEX N-580 Adhesive for your particular application. We also recommend that you periodically verify the regulatory status of RHOPLEX N-580 Adhesive.

*PROVIDED THAT THE FOOD CONTACT SURFACE OF THE PAPER AND PAPERBOARD COMPLIES WITH THE EXTRACTIVES LIMITATIONS IN 21CFR176.170 PARAGRAPH(C).

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