



Product Data Sheet

UNI-REZ 2675

HOT MELT POLYAMIDE ADHESIVE

FEATURES

- Heat resistance
- High green strength
- Moderate open time
- Good high / low temperature cycling
- High humidity resistance

APPLICATIONS

- Automotive
- Packaging
- Multipurpose assembly

PROPERTIES	SPECIFICATIONS
Softening Point , °C, Ring & Ball, ASTM E 28	130-142
Viscosity , LVT Brookfield, Spindle # 31, cps/mPa·s at 190°C, ASTM D 3236	1500-2500
Color , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
Acid Value , mg KOH/g	11.5
Amine Value , mg KOH/g	0.8
Color , 40% in n-Butanol, Gardner	5
Tensile Strength , psi (MPa), ASTM D 1708	260 (1.8)
Elongation , %, ASTM D-1708	125
Tensile Modulus , psi (MPa), ASTM D 638	4000 (28)
Peel Strength , pli (N/25mm), plasticized PVC to itself, ASTM D 1876	15 (66)
Mandrel Bend Flexibility , (1" diameter), pass, °C, ASTM D 3111	-20
Open Time , sec., 10 mil film, ASTM D 4497	20-25
Shear Adhesion Failure Temperature (SAFT) , 1 kg. wt. °C, ASTM D 4498	118
Water Absorption , ASTM D-570: after 24 hours, % after 7 days, %	0.9 1.9
Pounds per Gallon , (g/cc), 25°C	8.0 (0.96)
Flash Point , °C, COC	271 (520°F)

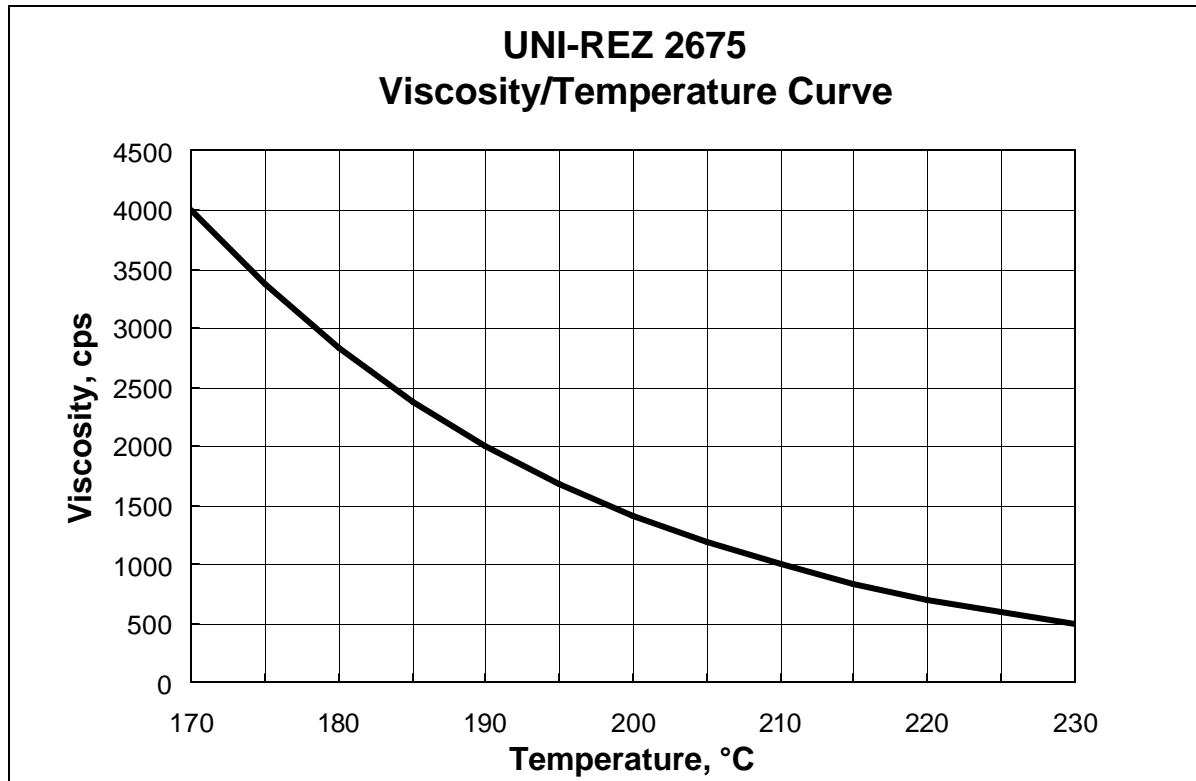


Technical Service: Savannah, GA (912) 238-6556

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Hot Melt Stability:	Molten UNI-REZ 2675 may be exposed to air for up to 4 hours at 210°C (410°F) or 8 hours at 190°C (374°F) without skin formation or significant viscosity increase. A nitrogen blanket is essential for longer melt pot residence times.
Handling and storage:	UNI-REZ 2675 will slowly absorb moisture from the air, which may cause foaming when the resin is melted and may result in inadequate bonds. Partially used containers should be closed tightly or the remaining resin should be transferred into an airtight container and kept in a cool, dry area.
FDA Status:	UNI-REZ 2675 does not meet the requirements of any section of the Code of Federal Regulations, Title 21.
TSCA Status:	UNI-REZ 2675 is listed on the TSCA inventory.
DOT Shipping Classification:	Non-hazardous.
Shipping:	UNI-REZ 2675 is available in pellet form, packaged in poly-foil lined multi-wall bags, 50 lb. net.

11/03



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