



Product Data Sheet

UNI-REZ[®] 2620

HOT MELT POLYAMIDE ADHESIVE

FEATURES

- Chemical and grease resistance
- Fast set
- Water resistance
- Provides good wetting
- FDA approval 175.105, 175.300, 175.320, 177.1200

APPLICATIONS

- Footwear
- Leather Goods
- Packaging

PROPERTIES	SPECIFICATIONS
Softening Point , °C, Ring & Ball, ASTM E 28	100-110
Viscosity , LVT Brookfield, Spindle # 31, cps/mPa-s at 160°C, ASTM D 3236	2600-3200
Color , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
Acid Value , mg KOH/g	10.0
Amine Value , mg KOH/g	0.2
Color , 40% in n-Butanol, Gardner	5+
Tensile Strength , psi (MPa), ASTM D 1708	1000 (6.9)
Elongation , %, ASTM D-1708	50
Tensile Modulus , psi (Mpa), ASTM D 638	30000 (206)
Mandrel Bend Flexibility (1" diameter), pass, °C, ASTM D 3111	-10
Open Time , sec., 10 mil film, ASTM D 4497	<5
Shear Adhesion Failure Temperature (SAFT) , 1 kg. wt. °C, ASTM D 4498	95
Block at 150°F, ASTM D-1146	None
Water Absorption , ASTM D-570: after 24 hours, % after 7 days, %	0.2 0.5
Pounds per Gallon , (g/cc), 25°C	8.2 (0.98)
Flash Point , °C, COC	271 (520°F)

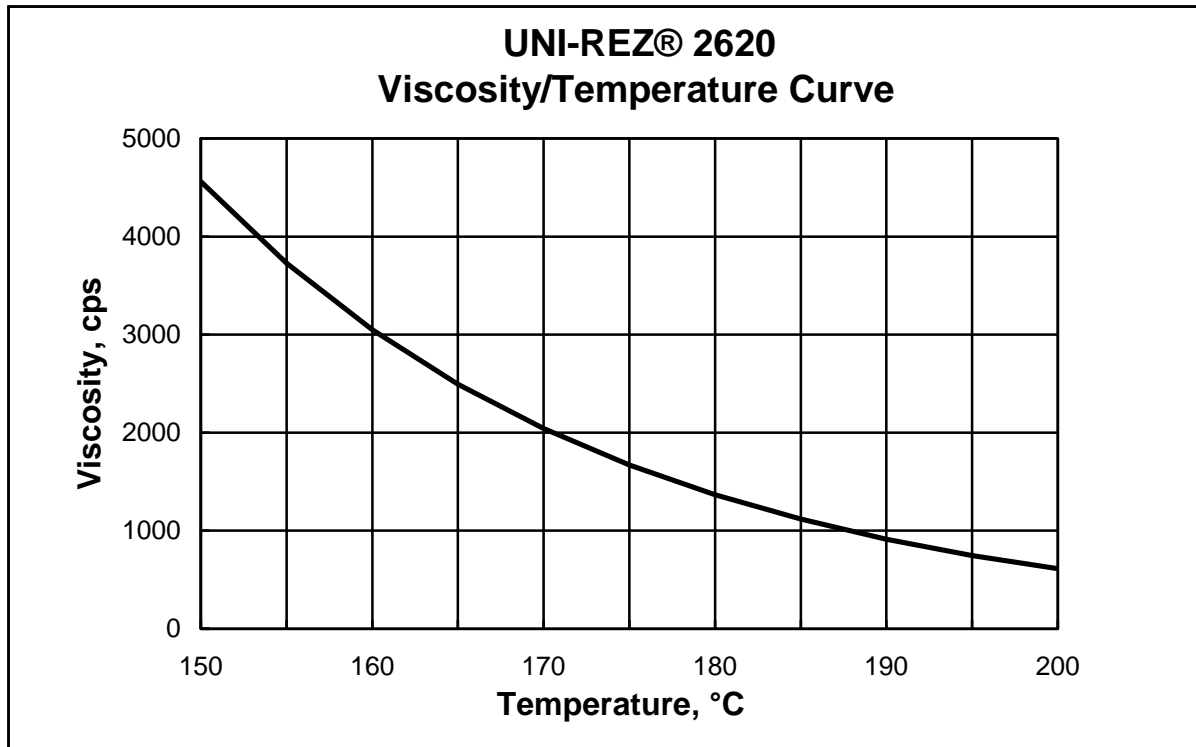


Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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Hot Melt Stability:	Molten UNI-REZ® 2620 be exposed to air for up to 2 hours at 210°C (410°F) or 4 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® 2620 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® 2620 meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply: 175.105 Adhesives. 175.300 Resinous and Polymeric Coatings. 175.320 Resinous and Polymeric Coatings for Polyolefin Films. (For use only in coatings for polyolefin films that contact food at temperatures not to exceed room temperature). 177.1200 Cellophane. (For use only in cellophane coatings that contact food at temperatures not to exceed room temperature).
TSCA Status:	UNI-REZ® 2620 is listed on the TSCA inventory.
DOT Shipping Classification:	Non-hazardous.
Shipping:	UNI-REZ® 2620 is available in pellet form, packaged in poly-foil lined multi-wall bags, 50 lb.net.



9/03

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