



# Product Data Sheet

## UNI-REZ 2672

### HOT MELT POLYAMIDE ADHESIVE

#### FEATURES

- Heat resistance
- Adhesion to plastic including plasticized PVC
- Good hot melt stability
- Chemical and grease resistance
- FDA approval 175.105

#### APPLICATIONS

- Automotive
- Packaging
- Multipurpose assembly

PROPERTIES	SPECIFICATIONS
<b>Softening Point</b> , °C, Ring & Ball, ASTM E 28	133-143
<b>Viscosity</b> , LVT Brookfield, Spindle # 31, cps/mPa-s at 190°C, ASTM D 3236	7000-11000
<b>Color</b> , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
<b>Acid Value</b> , mg KOH/g	8.5
<b>Amine Value</b> , mg KOH/g	0.8
<b>Color</b> , 40% in n-Butanol, Gardner	5
<b>Tensile Strength</b> , psi (MPa), ASTM D 1708	550 (3.8)
<b>Elongation</b> , %, ASTM D-1708	450
<b>Tensile Modulus</b> , psi (MPa), ASTM D 638	5000 (34)
<b>Peel Strength</b> , pli (N/25mm), plasticized PVC to itself, ASTM D 1876	25 (110)
<b>Mandrel Bend Flexibility</b> , (1" diameter), pass, °C, ASTM D 3111	-10
<b>Open Time</b> , sec., 10 mil film @ 350°F, ASTM D 4497	25
<b>Open Time</b> , sec., 10 mil film @ 375°F, ASTM D 4497	35
<b>Shear Adhesion Failure Temperature (SAFT)</b> , 1 kg. wt. °C, ASTM D 4498	125
<b>Water Absorption</b> , ASTM D-570: after 24 hours, % after 7 days, %	0.9 2.2
<b>Pounds per Gallon</b> , (g/cc), 25°C	821 (0.98)
<b>Flash Point</b> , °C, COC	271 (520°F)



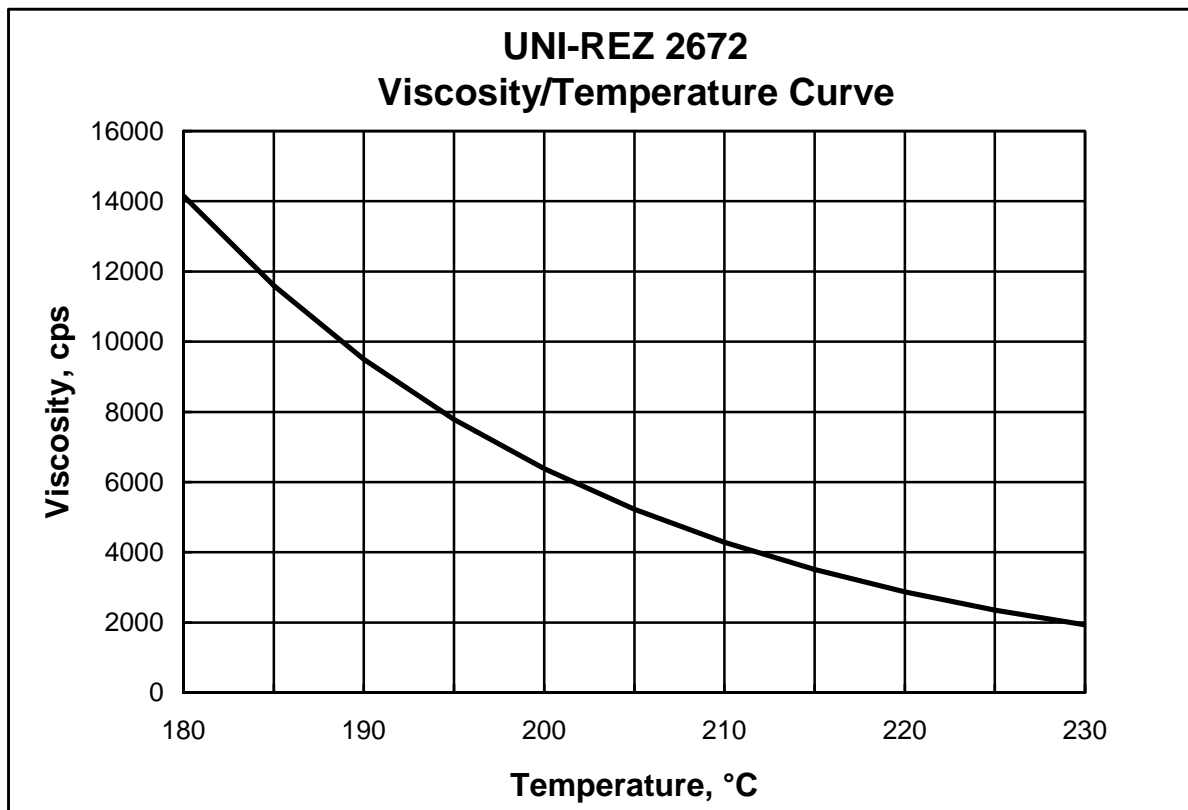
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<b>Hot Melt Stability:</b>	Molten <b>UNI-REZ 2672</b> may be exposed to air for up to 6 hours at 190°C (374°F) or 10 hours at 177°C (350°F) without skin formation or significant viscosity increase. A nitrogen blanket is essential for longer melt pot residence times.
<b>Handling and storage:</b>	<b>UNI-REZ 2672</b> 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.
<b>FDA Status:</b>	<b>UNI-REZ 2672</b> 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
<b>TSCA Status:</b>	<b>UNI-REZ 2672</b> is listed on the TSCA inventory.
<b>DOT Shipping Classification:</b>	Non-hazardous.
<b>Shipping:</b>	<b>UNI-REZ 2672</b> is available in pellet form, packaged in poly-foil lined multi-wall bags, 50 lb. net.

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