



Product Data Sheet

Date: 11/2010

UNI-REZ™ 2674

Hot Melt Polyamide Adhesive

FEATURES

- Chemical and grease resistance
- Flexibility
- Non-yellowing
- FDA approval 175.105

APPLICATIONS

- Multipurpose assembly
- Packaging
- Converting

PROPERTIES	SPECIFICATIONS
Softening Point , °C, Ring & Ball, ASTM E 28	122-132
Viscosity , LVT Brookfield, Spindle # 31, cps/mPa-s at 190°C, ASTM D 3236	1500-2400
Color , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
Acid Value , mg KOH/g	0.8
Amine Value , mg KOH/g	7
Color , 40% in n-Butanol, Gardner	5
Tensile Strength , psi (MPa), ASTM D 1708	450 (3.2)
Elongation , %, ASTM D-1708	230
Tensile Modulus , psi (MPa), ASTM D 638	12000(83)
Peel Strength , pli (N/25mm), plasticized PVC to itself, ASTM D 1876	5 (22)
Mandrel Bend Flexibility (1" diameter), pass, °C, ASTM D 3111	-10
Open Time , at 190°C, sec., 10 mil film, ASTM D 4497	25
Shear Adhesion Failure Temperature (SAFT) , 1 kg. wt. °C, ASTM D 4498	115
Water Absorption , ASTM D-570: after 24 hours, % after 7 days, %	0.6 1.7
Pounds per Gallon , (g/cc), 25°C	8.1 (0.97)
Flash Point , °C, COC	271 (520°F)



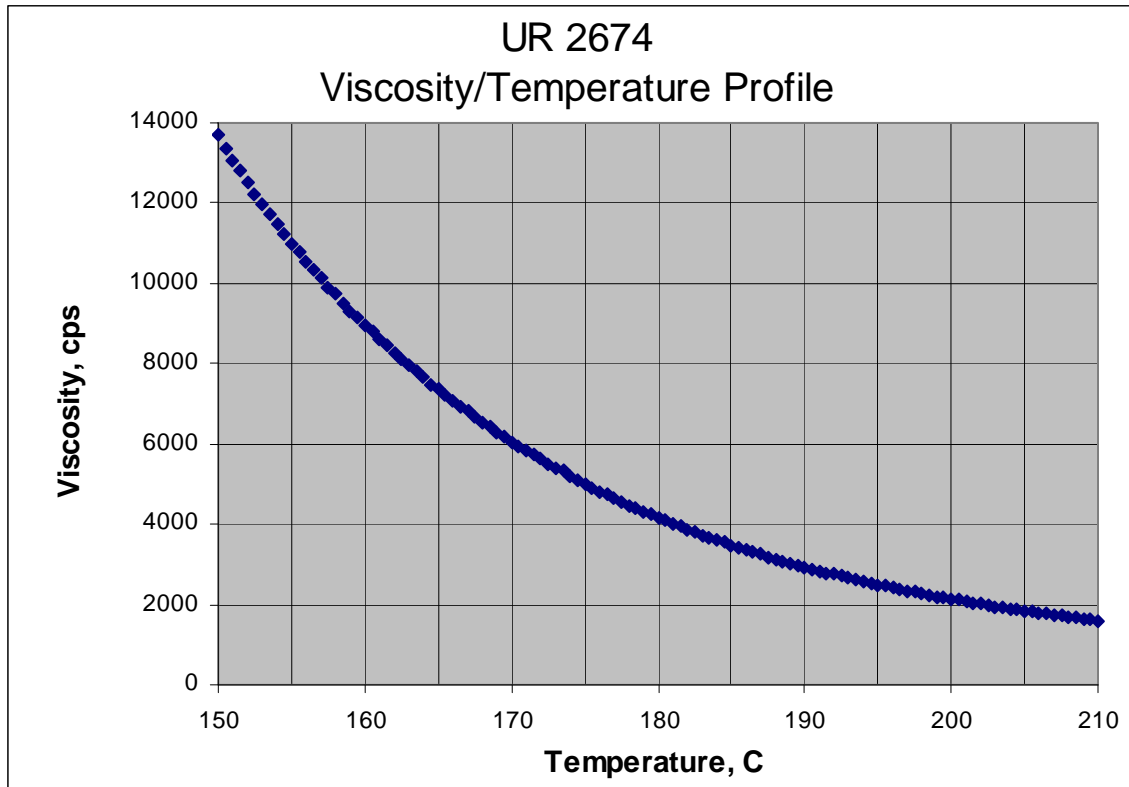
Technical Service: Savannah, GA (912) 238-6556
 Sales Service: Jacksonville, FL - (800) 733-1374

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Hot Melt Stability:	Molten UNI-REZ™ 2674 may be exposed to air for up to 3 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™ 2674 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™ 2674 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
TSCA Status:	UNI-REZ™ 2674 is listed on the TSCA inventory.
DOT Shipping Classification:	Non-hazardous.
Shipping:	UNI-REZ™ 2674 is available in pellet form, packaged in poly-foil lined multi-wall bags, 50 lb. net.



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