



Product Data Sheet

UNI-REZ[®] 2656

HOT MELT POLYAMIDE ADHESIVE

FEATURES

- Low temperature flexibility
- Flexibility
- High elongation
- Moderate heat resistance

APPLICATIONS

- Heat shrink sleeves
- Automotive wire splice
- Lamination

PROPERTIES	SPECIFICATIONS
Softening Point , °C, Ring & Ball, ASTM E 28	120-130
Viscosity , LVT Brookfield, Spindle # 31, cps/mPa-s at 190°C, ASTM D 3236	9000-13000
Color , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
Acid Value , mg KOH/g	0.8
Amine Value , mg KOH/g	4.0
Color , 40% in n-Butanol, Gardner	5
Tensile Strength , psi (MPa), ASTM D 1708	550 (3.8)
Elongation , %, ASTM D-1708	900
Tensile Modulus , psi (MPa), ASTM D 638	10000 (69)
Mandrel Bend Flexibility , (1" diameter), pass, °C, ASTM D 3111	-30
Open Time , sec., 10 mil film, ASTM D 4497	10
Shear Adhesion Failure Temperature (SAFT) , 1 kg. wt. °C, ASTM D 4498	110
Water Absorption , ASTM D-570: after 24 hours, % after 7 days, %	0.3 0.7
Pounds per Gallon , (g/cc), 25°C	8.0 (0.96)
Flash Point , °C, COC	271 (520°F)

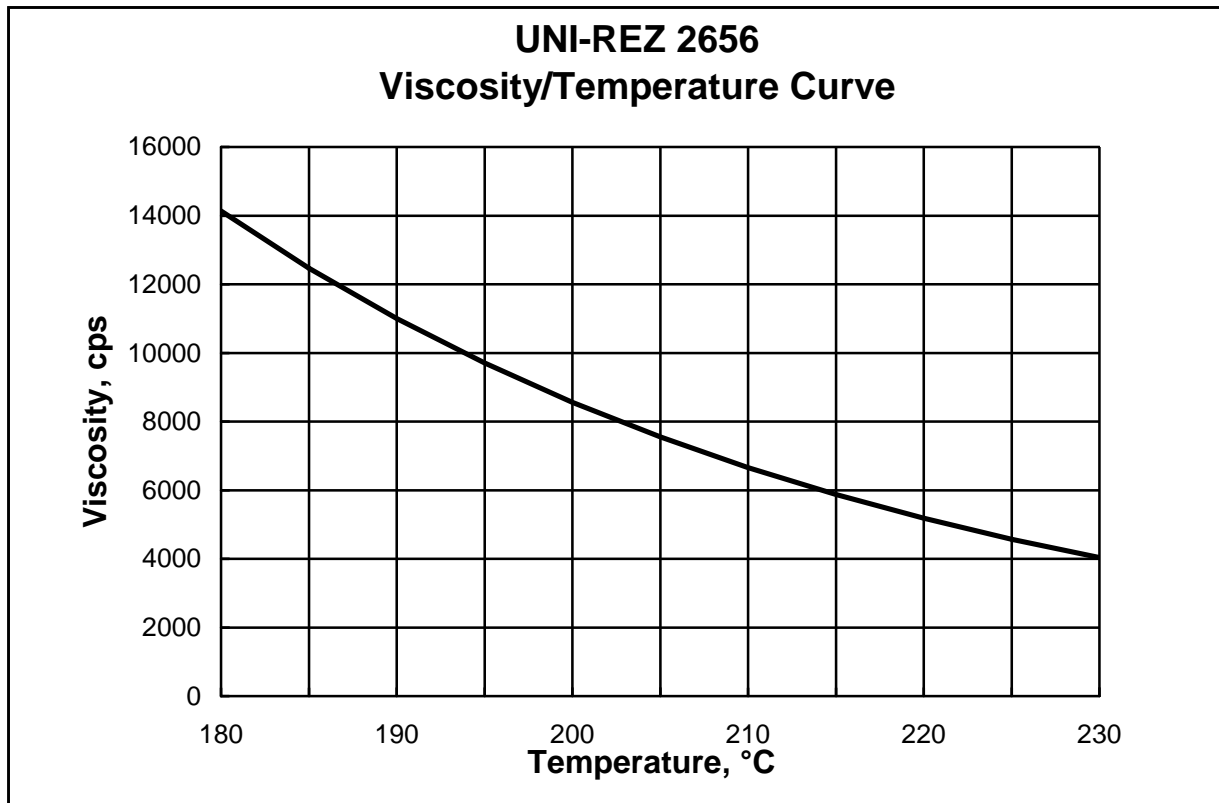


Technical Service: Savannah, GA (912) 238-6556
Sales Service: Jacksonville, FL - (800) 733-1374

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Hot Melt Stability:	Molten UNI-REZ 2656 may 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 2656 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 2656 does not meet the requirements of any section of the Code of Federal Regulations, Title 21.
TSCA Status:	UNI-REZ 2656 is listed on the TSCA inventory.
DOT Shipping Classification:	Non-hazardous.
Shipping:	UNI-REZ 2656 is available in pellet form, packaged in poly-foil lined multi-wall bags, 50 lb. net.

9/03



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