



Product Data Sheet

UNI-REZ[®] 2727 HOT MELT POLYAMIDE ADHESIVE

FEATURES

- High softening point
- Fast set
- High temperature resistance
- Chemical resistance
- High thermal resistance

APPLICATIONS

- Air and fuel filters
- Packaging
- Textiles

PROPERTIES	SPECIFICATIONS
Softening Point , °C, Ring & Ball, ASTM E 28	153-163
Viscosity , LVT Brookfield, Spindle # 31, mPa·s at 190°C, ASTM D 3236	1800-3200
Colour , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
Acid Value , mg KOH/g	11.5
Amine Value , mg KOH/g	0.5
Open Time , sec., 10 mil film, ASTM D 4497	<5
Specific Gravity , 25°C	0.97
Tensile Strength , MPa, ASTM D 1708	4.1
Elongation , %, ASTM D-1708	150
Tensile Modulus , MPa, ASTM D 638	110
Mandrel Bend Flexibility , (1" diameter), pass, °C, ASTM D 3111	-30
Shear Adhesion Failure Temperature (SAFT) , 1 kg. wt. °C, ASTM D 4498	132



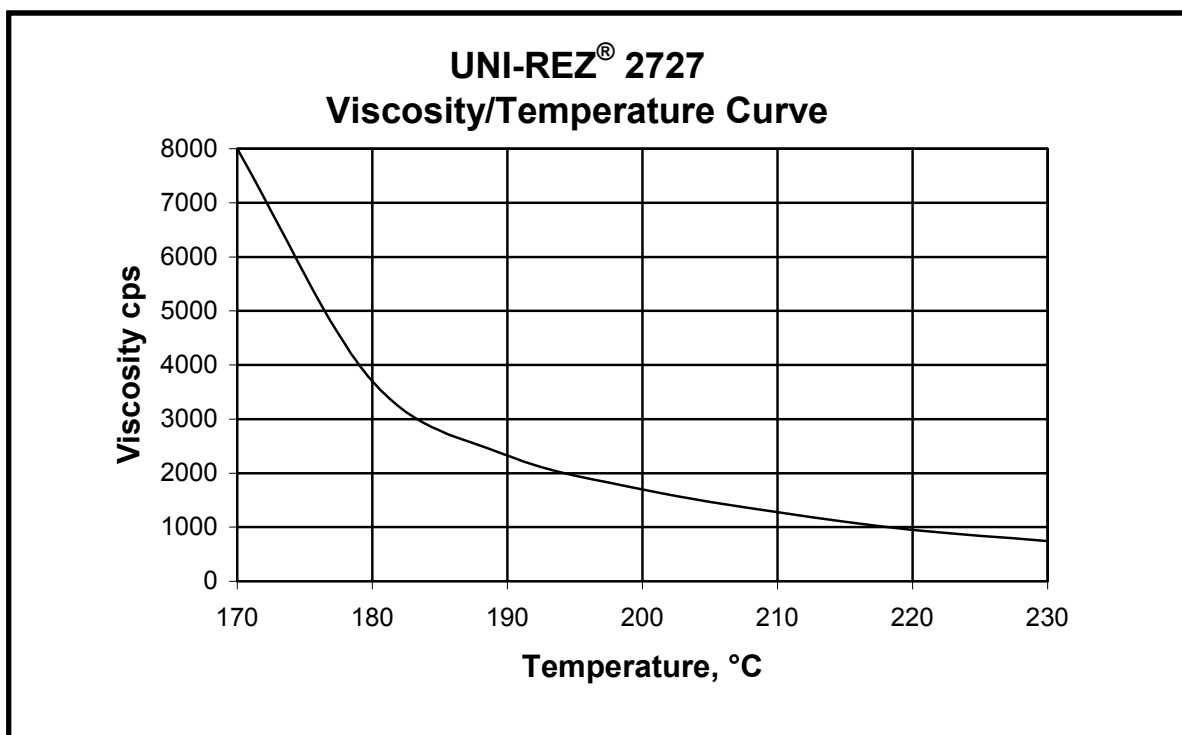
Arizona Chemical, PO Box 60053, 1320 AB Almere, The Netherlands
Telephone +31 36 546 2800 Telefax +31 36 546 2811 Web www.arizonachemical.com

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HANDLING & STORAGE	This product 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.
SHIPPING CLASSIFICATION	Non-hazardous.
CN CODE	31089000
PACKAGING	Amber coloured beads in 50 lbs polyfoil lined bags.
HEALTH & SAFETY	For handling and processing precautions, please consult the corresponding Material Safety Data Sheet.



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