



# Product Data Sheet

## UNI-REZ<sup>®</sup> 2633 HOT MELT POLYAMIDE ADHESIVE

### FEATURES

- Excellent high / low temperature cycling
- Moderate to long open time
- Good chemical and grease resistance
- Excellent adhesion to plastics including plasticised PVC
- Non-yellowing
- FDA approval 175.105

### APPLICATIONS

- Multipurpose assembly
- Woodworking
- Packaging
- Converting

PROPERTIES	SPECIFICATIONS
<b>Softening Point</b> , °C, Ring & Ball, ASTM E 28	127-137
<b>Viscosity</b> , LVT Brookfield, Spindle # 31, mPa.s at 190°C, ASTM D 3236	4500-8000
<b>Colour</b> , 40% in n-Butanol, Gardner	7 Maximum
	TYPICAL VALUES
<b>Acid Value</b> , mg KOH/g	0.8
<b>Amine Value</b> , mg KOH/g	7.0
<b>Colour</b> , 40% in n-Butanol, Gardner	5
<b>Tensile Strength</b> , MPa, ASTM D 1708	1.8
<b>Elongation</b> , %, ASTM D-1708	300
<b>Tensile Modulus</b> , MPa, ASTM D 638	21
<b>Peel Strength</b> , N/25mm, plasticised PVC to itself, ASTM D 1876	131
<b>Mandrel Bend Flexibility</b> (1" diameter), pass, °C, ASTM D 3111	-30
<b>Open Time</b> , sec., 10 mil film, ASTM D 4497	30
<b>Shear Adhesion Failure Temperature (SAFT)</b> , 1 kg. wt. °C, ASTM D 4498	115
<b>Water Absorption</b> , ASTM D-570: after 24 hours, % after 7 days, %	0.7 1.9
<b>Specific Gravity</b> , 25°C	0.97
<b>Flash Point</b> , °C, COC	271



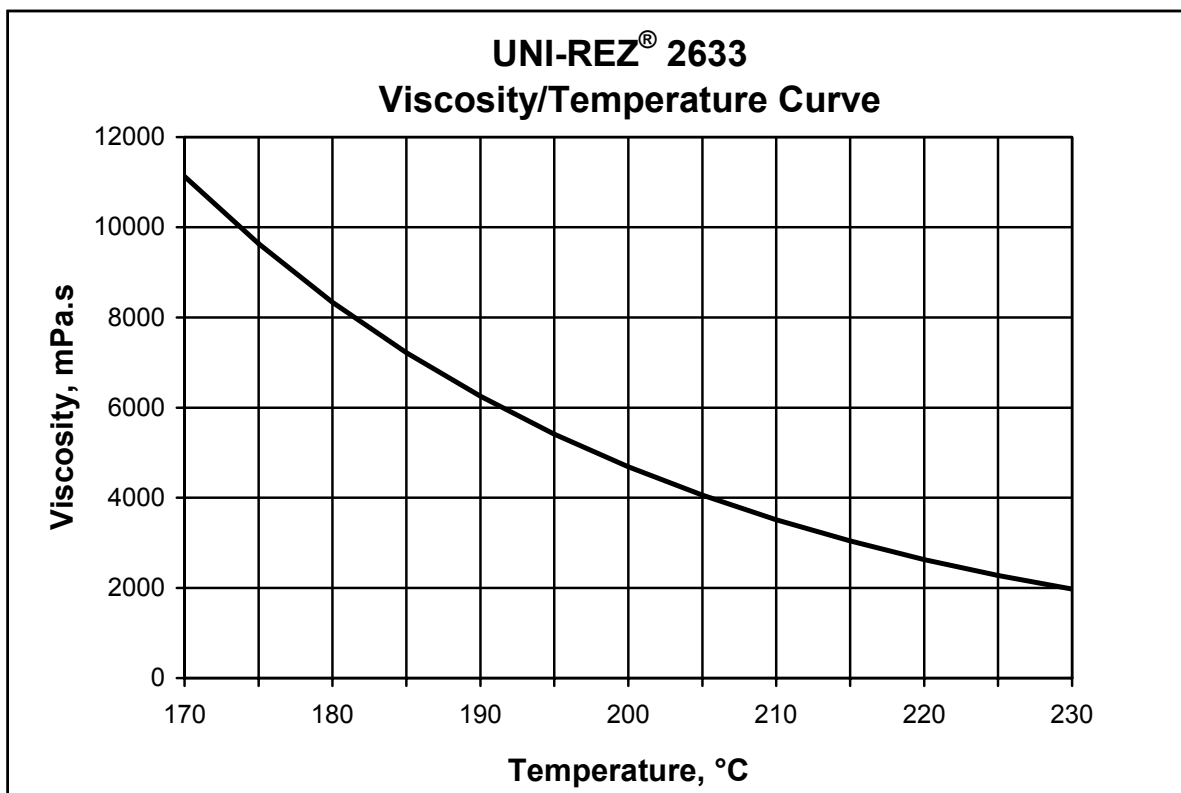
Arizona Chemical, PO Box 60053, 1320 AB Almere, The Netherlands  
Telephone +31 36 546 2800 Telefax +31 36 546 2811 Web [www.arizonachemical.com](http://www.arizonachemical.com)

Revision July 2009

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification.



# Product Data Sheet



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



Arizona Chemical, PO Box 60053, 1320 AB Almere, The Netherlands  
Telephone +31 36 546 2800 Telefax +31 36 546 2811 Web [www.arizonachemical.com](http://www.arizonachemical.com)

Revision July 2009

The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification.