

UNI-REZ™ 2632 Hot Melt Polyamide Adhesive

PRODUCT DATA SHEET

UNI-REZ 2632 hot melt polyamide adhesive is a resin based on dimer acid. UNI-REZ 2632 hot melt polyamide adhesive has excellent low temperature flexibility and adhesion to various plastic substrates. The low viscosity and moderate softening point allows for lower application temperatures when used with temperature sensitive substrates.

FEATURES:

- Lower application temperature
- Low temperature flexibility
- Excellent adhesion to plastics including plasticized PVC
- Excellent adhesion to galvanized steel
- Non-yellowing

POTENTIAL APPLICATIONS:

- Multipurpose assembly
- Woodworking
- Packaging
- Converting
- Cornerbead

SALES SPECIFICATIONS

Property	Test Method*	Specification
Softening Point (°C), Ring & Ball	ASTM E28 (AQCM 003)	120 - 130
Viscosity LVT Brookfield, Spindle #31, cps/mPA.s 190°C	ASTM D3236 (AQCM 146)	2000 - 3200
Color, 40% in n-Butanol, Gardner	AQCM 002	Max. 7

*Kraton test methods are available upon request

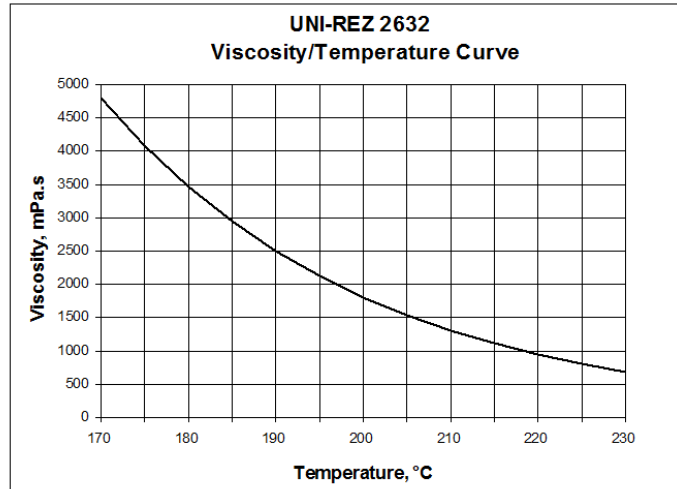
TYPICAL VALUES

Property	Test Method*	Typical Value
Acid Value mg KOH/g	AQCM 001	7.7
Amine Value mg KOH/g	AQCM 139	0.6
Color 40% in n-Butanol, Gardner	AQCM 002	4-
Moisture Quintel Moisture Analyzer, %	AQCM 056	0.17
Tensile Strength psi (MPa)	ASTM D1708	200 (1.4)
Elongation %	ASTM D1708	300
Tensile Modulus psi (MPa)	ASTM D638	5000 (34)
Peel Strength pli (N/25mm), plasticized PVC to itself	ASTM D1876	30 (131)
Mandrel Bend Flexibility (1" diameter), pass, °C	ASTM D3111	-40
Open Time seconds, 10 mil film	ASTM D4497	20
Shear Adhesion Failure Temp (SAFT), 1 kg. wt. °C	ASTM D4498	100
Shore A and D Hardness	ASTM D2240-97	A74 / D21
Flash Point °C, COC	ASTM D92-16	271 (520°F)

*Kraton test methods are available upon request

Contact us:

Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com



HOT MELT STABILITY	UNI-REZ 2632 hot melt polyamide adhesive may be exposed to air for up to 5 hours at 210°C (410°F) or 10 hours at 190°C (374°F) without skin formation or significant viscosity increase. A nitrogen blanket is essential for longer melt pot residence times.
SOLUBILITY	UNI-REZ 2632 hot melt polyamide adhesive is designed to be used as a hot melt. However, if this polyamide should need to be cut into a solvent for testing, the recommended solvents include n-butanol, n-propanol or a 50/50 blend of isopropyl alcohol and toluene.
PACKAGING	UNI-REZ 2632 hot melt polyamide adhesive is in pellet form, packaged in poly-foil lined multi-wall bags, 40 or 50 lb. net.
STORAGE RECOMMENDATION	This product will slowly absorb moisture from the air, which may cause foaming when the resin is melted and could result in inadequate bonds. Partially used containers should be closed tightly, or the remaining resin transferred into an airtight container and kept in a cool, dry area.

Disclaimer

We cannot anticipate all circumstances, conditions or applications in which this information, our products, or the products of other suppliers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or for the safety or suitability of our products, either alone or in combination with other products. The user of our products bears the responsibility of determining their suitability for a particular application or formulation, or determining that the products or their use do not infringe any intellectual property. Unless otherwise stated in writing, WE MAKE NO WARRANTY REGARDING THE INFORMATION PROVIDED HEREIN OR OUR PRODUCT, EITHER EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY. The buyer assumes all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

KRATON, the KRATON logo, and UNI-REZ are trademarks of Kraton Corporation, or its subsidiaries or affiliates, in one or more, but not all countries.

©2016 Kraton Corporation

Contact us:
 Almere (NL): +31 (0)36 54 62 800
 Savannah (US): + 1 (912) 238-6439
 Shanghai (CN): + 86 21 6434 8898
www.kraton.com