Specialists in Tackifier Resins and Acrylic Monomers

Teckros® HXL-100

Clear UV Stable Rosin Ester

TECHNICAL DATA SHEET

Teckros® HXL-100 highly hydrogenated pentaerythritol rosin ester has an exceptional combination of low color and excellent UV and oxidative stability based on advanced refining and stabilization technologies. **Teckros® HXL-100** improves adhesion in solvent acrylic and hot melt PSA's, clear sealants and other premium adhesives and coatings.

	Typical Properties	Specifications
Color, Hazen	100	150 max
Color, Gardner, 50T	<1	1 max
Color, Gardner, Neat	1	2 max
Acid Value	15	20 max
Softening Point, R & B	100°C	97°C to 103°C
Glass Transition Temp., Tg	47°C	--
Molecular Weight, Mw	1300	--
PolyDispersity	1.1	--
Melt Viscosity, cps @125°C	8000	--
Melt Viscosity, cps @177°C	150	--
Hydroxyl Value	35	--
Iodine Value`	15	--
Specific Gravity, re: water	1.08	--
Density, lbs/gallon @25°C	9.0	--

Compatibility is excellent with a wide range of commonly used adhesive polymers including EVA, SIS, SBS, SIBS, SBR, natural rubber, acrylic, chloroprene, butyl, and other polymers. Compatibility is limited with polyolefins. Excellent solubility in virtually all commonly used industrial solvents. Insoluble in water and alcohols.

FDA status **Teckros® HXL-100** and its components meet the requirements of the following sections of the Code of Federal Regulations, Title 21 when used according to the regulations:

175.105	Adhesives
175.125	Pressure Sensitive Adhesives
175.300	Resinous and Polymeric Coatings
176.170	Components of paper and paperboard in contact with aqueous and fatty foods
176.180	Components of paper and paperboard in contact with dry food

Packaging Pastille form in 55 lb. bags. Supersacks available.

Statements and recommendations are for guidance purposes only. Teckrez, Inc. makes no guarantees regarding performance in actual adhesive or other formulated products. Responsibility for performance of formulated products is solely that of the user. Resins with softening points below 105 degC are subject to re-massing particularly in warmer months. Temperature-induced re-massing does not affect final product performance and is not a basis for return, claims or compensation.

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