



Specialists in Tackifier Resins and Acrylic Monomers

Teckros® RL10

Liquid Rosin Ester

TECHNICAL DATA SHEET

Teckros® RL10 is a stabilized liquid ester of gum rosin used in a wide range of pressure sensitive, flooring, assembly, other adhesive, and many other applications where improved adhesion and low temperature performance are important. Unlike tall oil-derived rosin esters, **Teckros® RL10** is free from meaningful sulfur content resulting in low odor of a pleasant character.

	Typical Properties	Specifications
Color, Gardner, 50T	4	7 max
Color, Gardner, Neat	6	9 max
Acid Value	15	20 max
Softening Point, R&B	Liquid	--
Glass Transition Temp., Tg	-22°C	--
Molecular Weight, Mw	700	--
PolyDispersity	1.2	--
Melt Viscosity, cps @40°C	10,000	--
Melt Viscosity, cps @177°C	<10	--
Hydroxyl Value	50	--
Specific Gravity, re: water	1.05	--
Density, lbs/gallon @25°C	8.8	--

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® RL10** 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 Indirect Food Contact

175.300 Resinous and Polymeric Coatings

Packaging 440 lb. steel drums. Totes 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.



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