Specialists in Tackifier Resins and Acrylic Monomers

Teckros® RP103

High Performance Tackifier Resin

TECHNICAL DATA SHEET

Teckros RP103 rosin phenolic tackifier's high polarity and narrow molecular weight distribution enables outstanding adhesive performance with most polymers. Solvent acrylic PSA's tackified with **Teckros® RP103** demonstrate greatly enhanced tack and adhesion. In EVA hot melts, **Teckros® RP103** provides improved low temperature performance and specific adhesion compared to similar Tg terpene phenolic resins. **Teckros ® RP103** also excels as a co-tackifier and reinforcing resin with SBR, polychloroprene, and other polymers for use in construction, contact, laminating, and other adhesive applications.

	Typical Properties	Specifications
Color, Gardner, 50T	3	5 max
Color, Gardner, Neat	5	7 max
Acid Value	15	20 max
Softening Point	100°C	96°C to 104°C
Glass Transition Temp., Tg	48°C	--
Molecular Weight, Mw	1,200	--
PolyDispersity	1.3	--
Melt Viscosity, cps @125°C	30,000	--
Melt Viscosity, cps @177°C	300	--
Hydroxyl Value	60	--
Specific Gravity, re: water	1.08	--
Density, lbs/gallon @25°C	9.0	--

Compatibility with most commonly used adhesive polymers, including acrylic, EVA, SBR, SBS, polychloroprene, and others. Soluble in most commonly used adhesive solvents. Insoluble in glycols and water.

FDA status **Teckros® RP103** and its components meet the requirements of the Code of Federal Regulation Title 21, Section 175.105, Adhesives, when used according to regulations.

Packaging Flake form in 55 lb. bags

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. Re-massing of any kind does not affect final product performance and is not a basis for return, claims or compensation.

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