



Specialists in Tackifier Resins and Acrylic Monomers

Teckros® R100

Stabilized, Light Color Rosin Ester

TECHNICAL DATA SHEET

Teckros® R100 is a light- colored, stabilized pentaerythritol ester of gum rosin used in a wide range of hot melt, pressure sensitive, other adhesives, and many other applications where rosin ester performance and pleasant odor are important. Unlike tall oil-derived rosin esters, **Teckros® R100** is free from meaningful sulfur content resulting in low odor of a pleasant character.

	Typical Properties	Specifications
Color, Gardner, 50T	2+	4 max
Color, Gardner, Neat	4	6 max
Acid Value	14	20max
Softening Point, R & B	100°C	95°C to 101°C
Glass Transition Temp., Tg	47°C	--
Molecular Weight, Mw	1,200	--
PolyDispersity	1.1	--
Melt Viscosity, cps @125°C	10,000	--
Melt Viscosity, cps @177°C	150	--
Hydroxyl Value	25	--
Specific Gravity, re: water	1.08	--
Density, lbs/gallon @25°C	9.0	--

CAS Number: 8050-26-8

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® R100** and its components meet the requirements of the Code of Federal Regulation Title 21, Section 175.105, Indirect Food Contact.

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