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.....SPECIALISTS IN TACKIFIER RESINS

Teckros® M105 Maleic Modified Rosin Ester

TECHNICAL DATA SHEET

Teckros® M105 is a maleic modified glycerol ester of rosin designed for use in nitrocellulose lacquers, overprint varnishes, enamels, Gravure "C" type printing inks, and other applications where high softening point, hardness, gloss, and adhesion are required.

	Typical Properties	Specifications
Color, Gardner, 50T	4	7 max
Color, Garner, Neat	6	8 max
Acid Value	36	33-40
Softening Point, R & B	105°C	102°C to 110°C
Glass Transition Temp., Tg	73°C	--
Molecular Weight, Mw	8,000	--
PolyDispersity	1.8	--
Melt Viscosity, cps @125°C	>50,000	--
Melt Viscosity, cps @177°C	2,000	--
Hydroxyl Value	15	--
Specific Gravity, re: water	1.12	--
Density, lbs/gallon @25°C	9.2	--

Compatibility is excellent with nitrocellulose, alkyds, plasticizers, rosin, and hydrocarbon resins. Soluble in toluene, other aromatic hydrocarbons, ketones, and esters.

FDA status **Teckros® M105** 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
- 175.300 Resinous and Polymeric Coatings

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

10.19

Statements and recommendations are for guidance purposes only. Teckrez, Inc. makes no guarantees regarding performance in actual adhesive or other formulated products. Responsibility for formulated product performance is solely that of the user.

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