



MORGAN MATERIALS

INCORPORATED

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Product Data Sheet

Rosin Ester- 444

PROPERTIES	SPECIFICATIONS
Acid value, mg KOH/g	Max. 12
Softening Point, Ring & Ball, °C	100-106
Color, Gardner, 1:1 in toluene	Max. 6
	TYPICAL VALUES
Softening Point, Ring & Ball, °C	102
Color, Gardner, 1:1 in toluene	5.5
Flash point, °C	>200

Rosin Ester- 444 a rosin ester designed for use as a binder in high quality thermoplastic traffic line compounds. The relatively low melt viscosity when compared with typical non rosin ester resins, permits higher filler loading in screen / extrusion applied thermoplastic formulation or makes it ideal binder for spray applied compounds.

Replacing non-rosin ester resins by **Rosin Ester- 444** substantially increase the performance through improved adhesion to (mixed-in and drop-on) glass beads, non -skid aggregates and the road.

Rosin Ester- 444 can be plasticized with mineral oil or tall oil ester and is compatible with most commonly used EVA's, waxes, natural rubber, SIS and SBR's.

FEATURES

- Excellent adhesion with glass beads, anti-skid aggregates and the pavement
- Good abrasion resistance
- Good initial and long-term retro-reflectivity
- Good oil & gas resistance
- Stable in viscosity