



TECHNICAL DATA SHEET

PIP-BONROY® R-1300

BONROY® R-1300 is acid modified m-piperylene based aliphatic resin with a unique combination of lightcolor, low odor and lower melt viscosity designed for Hot-melt Thermoplastic Road Marking.

Good flowage
High abrasion performance
Outstanding affinity for pigments
Good heat stability and suitable for all weather

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	98– 105	ASTM E28
Initial Color (Yellow Index)	30Max	ASTM D 6166
Acid Value (KOHmg/g)	0.5 Min	ASTM D 974

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	100	ASTM E28
Initial Color (Yellow Index)	22	ASTM D 6166
(Ga)	2.5	ASTM D 616
Acid Value (KOHmg/g)	0.8	ASTM D 974
Melt Viscosity BRF, @160°C, cps	1,800	ASTM D3236
@180°C, cps	600	ASTM D3236
@200°C, cps	200	ASTM D3236
Molecular Weight (G.P.C, Mw)	3500	

PACKING

BONROY® R-1300 is available both in 25Kg multi-ply paper bags and 500kg or 1000 kg bags.

STORAGE

BONROY® R-1300 should be stored in cool ventilated dry place. Recommended temperature no exceeding 40°C.