



BONROY INTERNATIONAL LIMITED.

ZIBO NEW MATERIAL TRADING CENTER, PLAZA A,
NORTHEASTREN CORNER OF BEIJING ROAD AND
RENMIN ROAD, ZHANGDIAN, ZIBO, SHANDONG, P.R.
CHINA.

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TECHNICAL DATA SHEET

PIP-BINDER® R-1200

BINDER® R-1200 is m-piperylene based aliphatic resin with a unique combination of light color, 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)	99 – 105	ASTM E 28
Initial Color (Yellow Index)	45 Max	ASTM D 6166
Wax Cloud Point (EVA/Resin/Wax=20/40/40)	100 Max	BDTM/Q-10

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	102	ASTM E 28
Initial Color (Yellow Index)	36	ASTM D 6166
(Ga)	4	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=20/40/40)	80	BDTM/Q-10
Acid Value (KOH mg/g)	0.8	ASTM D 974
Melt Viscosity BRF, @160°C, cps	1,300	ASTM D 3236
@180°C, cps	400	ASTM D 3236
@200°C, cps	150	ASTM D 3236
Molecular Weight (G.P.C, Mw)	2,200	

PACKING

BINDER® R-1200 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

BINDER® R-1200 should be stored in cool ventilated dry place. Recommended temperature no exceeding 40°C.