



BONROY INTERNATIONAL LIMITED.

ZIBO NEW MATERIAL TRADING CENTER, PLAZA A,
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TECHNICAL DATA SHEET

PIP-BINDER® S-2100

BINDER® S-2100 is styrene modified C5 resin with a narrow molecular weight distribution. It is characterized by light color and low volatility. S-2100 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

S-2100 primarily designed for tackification of SIS and SBS based PSA since styrene modifying brings its excellent SBC compatibility. It's also can used as tackifier for natural rubber, metallocene polyolefins, Butyl rubber, EVA, APP and APAO based HMA.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	89 - 97	ASTM E 28
Initial Color (Yellow Index)	45 Max	ASTM D 6166
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	105 Max	BDTM/Q-10

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	92	ASTM E 28
Initial Color (Yellow Index)	35	ASTM D 6166
(Ga)	4	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	68	BDTM/Q-10
Melt Viscosity BRF, @160°C, cps	540	ASTM D 3236
@180°C, cps	170	ASTM D 3236
@200°C, cps	70	ASTM D 3236
Molecular Weight (G.P.C, Mn)	930	
(G.P.C, Mw)	1,300	
(G.P.C, Mz)	2,000	
D	1.4	
FTIR Ratio, Aromaticity (%)	3.5	

PACKING

BINDER® S-2100 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

BINDER® S-2100 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.