



BONROY INTERNATIONAL LIMITED.

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

STY-BINDER® S-2090

BINDER® S-2090 is styrene modified C5 resin with a narrow molecular weight distribution. It is characterized by light color and low volatility. S-2090 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

S-2090 has excellent compatibility with a wide variety of elastomers, olefins, and waxes including SBR, EVA, SBS, SIBS, acrylic and urethanes. Generally soluble in solvents having low to medium polarity

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	83-91	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)	88	ASTM E 28
Initial Color (Yellow Index)	34	ASTM D 6166
(Ga)	3	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	68	BDTM/Q-10
Acid Value (KOH mg/g)	0.1	ASTM D 974
Melt Viscosity BRF, @160°C, cps	370	ASTM D 3236
@180°C, cps	140	ASTM D 3236
@200°C, cps	60	ASTM D 3236
Molecular Weight (G.P.C, Mn)	930	
(G.P.C, Mw)	1,350	
(G.P.C, Mz)	2,160	
D	1.5	
FTIR Ratio, Aromatic (%)	20	

PACKING

BINDER® S-2090 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

BINDER® S-2090 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.