



BONROY INTERNATIONAL LIMITED.

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

PIP-BINDER® O-2203

BINDER®O-2203 is styrene modified C5 resin with a narrow molecular weight distribution. It is characterized by light color and low volatility. O-2203 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

O-2203 primarily designed for tackifier of Styrene-Isoprene-Styrene(SIS) based PSA since styrene modifying brings its excellent SIS (Styrene Isoprene Styrene Copolymer) compatibility. It's also can be 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 E28
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 E28
Initial Color (Yellow Index)	26	ASTM D 6166
(Ga)	3	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=30/45/25)	68	BDTM/Q-10
Melt Viscosity BRF, @160°C, cps	540	ASTM D3236
@180°C, cps	170	ASTM D3236
@200°C, cps	70	ASTM D3236
Molecular Weight (G.P.C, Mn)	1000	
(G.P.C, Mw)	1,700	
(G.P.C, Mz)	3,100	
D	1.6	
NMR, Aromaticity (%)	10	

PACKING

BINDER® O-2203 is available both in 25Kg multi-ply paper bags and 500kg and 1000 kg bags.

STORAGE

BINDER® O-2203 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.