



BONROY INTERNATIONAL LIMITED.

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

TEL: 0086-533-8170985

www.bonroy-int.com

TECHNICAL DATA SHEET

BINDER®S100

BINDER®S100 is high styrene modified light color C5 Resin with narrow molecular weight distribution. It is characterized by light color and low volatility.

BINDER®S100 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

BINDER®S100 primarily designed for tackification of Styrene-Isoprene-Styrene (SIS) based PSA since styrene modifying brings its excellent SIS (Styrene Isoprene Styrene Copolymer) 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) | 99 – 103 | ASTM E 28 |
| Initial Color (Yellow Index) | 30 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) | 100 | ASTM E 28 |
| 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 | 1,200 | ASTM D 3236 |
| @180°C, cps | 330 | ASTM D 3236 |
| @200°C, cps | 120 | ASTM D 3236 |
| Molecular Weight (G.P.C, Mn) | 1,100 | |
| (G.P.C, Mw) | 2,100 | |
| (G.P.C, Mz) | 5,100 | |
| D | 1.9 | |
| FTIR Ratio, Aromaticity (%) | 10 | |

PACKING

BINDER®S100 is available both in 25Kg multi-ply paper bags and 500kg and 1000 kg bags.

STORAGE

BINDER®S100 should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.