



## BONROY INTERNATIONAL LIMITED.

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

### Bonroy O2203

**Bonroy O2203** is styrene modified C5 resin with a narrow molecular weight distribution. It is characterized by light color and low volatility. O2203 has outstanding rolling ball tack, and excellent balance of peel and cohesive strength.

O2203 primarily designed for tackification of SIS and SBS based PSA since styrene modifying brings its excellent SBC 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 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**

**Bonroy O2203** is available both in 25Kg multi-ply paper bags and 500kg bags.

### **STORAGE**

**Bonroy O2203** should be stored in cool ventilated dry place. Recommended temperature no exceeding 35°C.