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## TECHNICAL DATA SHEET

### O-1102

**O-1102** is pure C5 aliphatic hydrocarbon resin. It's designed for Solvent based pressure sensitive adhesive (SBPSA), especially for NR and IIR SBPSA.

O-1102 has lower crystallinity which can brings adhesive good flexibility and creep resistance. So it works as a good tackifier for packing adhesive, carton sealing, shoes adhesive and mouse trap glue etc.

O-1102 lower molecular weight distribution and good color make it can works in SIS based HMPSA. It also can replace part of hydrogenated hydrocarbon resin when production APAO and EVA hot melt adhesive.

The lower crystallinity of O-1102 makes it can works as tackifier and softener for tire rubber etc rubber parts production.

#### **SPECIFICATIONS**

Softening Point (Ring & Ball, °C)	98 – 102	ASTM E 28
Initial Color (Yellow Index )	30 Max	ASTM D 6166
Wax Cloud Point (EVA/Resin/Wax=22.5/32.5/45)	100 Max	BDTM/Q-10

#### **TYPICAL PROPERTIES**

Softening Point (Ring & Ball, °C)	100	ASTM E 28
Initial Color (Ga)	2.5	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=22.5/32.5/45)	80	BDTM/Q-10
Melt Viscosity BRF, @160°C, cps	1,800	ASTM D 3236
@180°C, cps	450	ASTM D 3236
@200°C, cps	160	ASTM D 3236
Molecular Weight (G.P.C, Mn)	1,150	
(G.P.C, Mw)	2,050	
(G.P.C, Mz)	4,050	
D	1.8	

#### **PACKING**

**O-1102** is available both in 25Kg multi-ply paper bags and 500kg and 1000kg bags.

#### **STORAGE**

**O-1102** should be stored in cool ventilated dry place. Recommended temperature no exceeding 40°C.

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