



BONROY INTERNATIONAL LIMITED.

ZIBO NEW MATERIAL TRADING CENTER, PLAZA A,
NORTHEASTERN CORNER OF BEIJING ROAD AND
RENMIN ROAD, ZHANGDIAN, ZIBO, SHANDONG, P.R.
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TECHNICAL DATA SHEET

PIP-BINDER® O-115

BONROY® O-115 is 100% C5 Aliphatic hydrocarbon resin. The key feature of O-115 is high softening point and odorless. O-115 can replace some of terpene resin to save cost in adhesive production.

O-115 is tackifying resin designed to provide high temperature performance and cohesive strength with a variety of adhesive polymers including metallocene polyolefins, APP, APAO, SIS block copolymers, natural rubber, synthetic polyisoprene, polyisobutylene and Butyl rubber.

For APO & APAO base HMA, O-115 recommend for carpet layer adhesive, book binding adhesive, mattress bonding adhesive, wood working adhesive, automobile interiors adhesive, mouse trap adhesive, glass sealant and electrical adhesive tape etc.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	112 – 117	ASTM E 28
Initial Color (Yellow Index)	70 Max	ASTM D 6166
Wax Cloud Point (EVA/Resin/Wax=25/25/50)	120 Max	BDTM/Q-10

TYPICAL PROPERTIES

Softening Point (Ring & Ball, °C)	114	ASTM E 28
Initial Color (Yellow Index)	36	ASTM D 6166
(Ga)	4	ASTM D 616
Wax Cloud Point (EVA/Resin/Wax=25/25/50)	105	BDTM/Q-10
Acid Value (KOH mg/g)	0.1	ASTM D 974
Melt Viscosity BRF, @160°C, cps	2,500	ASTM D 3236
@180°C, cps	640	ASTM D 3236
@200°C, cps	200	ASTM D 3236
Molecular Weight (G.P.C, Mn)	1,300	
(G.P.C, Mw)	2,300	
(G.P.C, Mz)	4,000	
D	1.8	

PACKING

BONROY® O-115 is available both in 25Kg multi-ply paper bags and 500kg bags.

STORAGE

BONROY® O-115 should be stored in cool ventilated dry place. Recommended temperature no exceeding 45°C.