
TECHNICAL DATA SHEET

BRL-10

BRL-10 is a very unique liquid resin with low color and very narrow molecular weight distribution. It displays excellent compatibility with various polymers (NR, POE, APAO, SBC, EVA, ACRYLIC ect).

It mainly provide low temperature tack and reduce the melt viscosity of hot melt adhesive.

BRL-10 used in PSA can avoid process oil migration in lower temperature since its low Tg. It's excellent low temperature properties assure PSA maximum performance and long shelf-life.

SUGGEST APPLICATION

1. HMPSA: Simultaneous improvement of initial adhesion, peel adhesion and cohesion, improve the adhesion to non-polar material.

Common application: Low temperature label such as fruits & vegetables label, vaccines & blood bottle label, Tire label etc.

2. EVA hot melt adhesive: Reduce the melt viscosity, improves flexibility, and improves low temperature properties.

3. Hot-Melt protective film: Increase cohesion, reduce the amount of gelatinize to save costs.

SPECIFICATIONS

Softening Point (Ring & Ball, °C)	0-15	ASTM E 28
Initial Color (Yellow Index)	35	ASTM D 6166
(Gardner)	4	ASTM D 616

TYPICAL VALUE

Wax Cloud Point (EVA/Resin/Wax=20/40/40)	65	BDTM/Q-10
Melt Viscosity BRF, @40°C, cps	10,000	ASTM D 3236
Molecular Weight (G.P.C, Mn)	550	
(G.P.C, Mw)	600	
(G.P.C, Mz)	650	
D	1.1	

PACKING : BRL-10 is available in 170Kg galvanized iron drums.
