

Dow AFFINITY™ KC 8852G Polyolefin Plastomer (POP)

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

AFFINITY™ KC 8852G is an ethylene-octene copolymer produced via INSITE™ Technology. This product offers excellent performance as a cling resin in one-sided stretch cling film applications. This polyolefin plastomer provides excellent cling and optics, while offering outstanding toughness. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-AFFINITY-KC-8852G-Polyolefin-Plastomer-POP.php

Physical Properties	Metric	English	Comments
Density	0.875 g/cc	0.0316 lb/in ³	ASTM D792
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Impact	190	190	[ft-lbf/in ³]; Cast Film 0.8 mil; Puncture Resistance; Dow Method
Dart Drop Test	150 g	0.331 lb	Cast Film 0.8 mil; ASTM D1709

Thermal Properties	Metric	English	Comments
Melting Point	20.0 °C	68.0 °F	Dow Method (DSC)

Optical Properties	Metric	English	Comments
Haze	4.3 %	4.3 %	Cast Film 0.8 mil; ASTM D1003
Gloss	66 %	66 %	45°; Cast Film 0.8 mil; ASTM D2457

Descriptive Properties	Value	Comments
Cling g	110	ASTM D4649, 200% Stretched; Blown Film 0.8 mil
	125	ASTM D4649, 200% Stretched; Cast Film 0.8 mil
	145	ASTM D4649, Unstretched; Blown Film 0.8 mil
	250	ASTM D4649, Unstretched; Cast Film 0.8 mil

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China