

Dow AFFINITY™ EG 8200G Ethylene alpha-olefin copolymer

Category : Polymer , Thermoplastic , Polyolefin

Material Notes:

AFFINITY™ EG 8200G Polyolefin Plastomer (POP) is produced via INSITE™ Technology from Dow Plastics. It exhibits high flexibility and elasticity. It can be utilized in monolayer cast film and in blends with other polyolefins to enhance clarity, sealability and toughness of the structure. Information provided by Dow

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dow-AFFINITY-EG-8200G-Ethylene-alpha-olefin-copolymer.php

Physical Properties	Metric	English	Comments
Density	0.870 g/cc	0.0314 lb/in ³	ASTM D792
Mooney Viscosity	8.0 @Temperature 121 °C	8.0 @Temperature 250 °F	ML 1+4; ASTM D1646
Melt Flow	5.0 g/10 min	5.0 g/10 min	Melt Flow Ratio = 7.5 ($\frac{10}{2}$); ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	ASTM D2240
Tensile Strength, Ultimate	6.21 MPa	900 psi	ASTM D638
Tensile Strength, Yield	1.59 MPa	230 psi	ASTM D638
	4.14 MPa	600 psi	100% Secant; ASTM D638
Elongation at Break	>= 1000 %	>= 1000 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	63.0 °C	145 °F	Dow Method
Vicat Softening Point	<= 45.0 °C	<= 113 °F	ASTM D1525

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