

Diamond Polymers NPP10-0105 Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP10-0105-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D1505
Vinyl Acetate Content	4.6 %	4.6 %	
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.7 MPa	3580 psi	Transverse to Flow; ASTM D882
	25.9 MPa	3760 psi	Direction of Flow; ASTM D882
Elongation at Break	180 %	180 %	Direction of Flow; ASTM D882
	580 %	580 %	Transverse to Flow; ASTM D882
1% Secant Modulus	146 MPa	21200 psi	Direction of Flow; ASTM D882
	168 MPa	24400 psi	Transverse to Flow; ASTM D882
Dart Drop, Total Energy	190 J	140 ft-lb	F50; ASTM D1790
Tear Strength Test	90	90	g; Transverse to Flow; ASTM D1922
	200	200	g; Direction of Flow; ASTM D1922

Thermal Properties	Metric	English	Comments
Vicat Softening Point	89.0 °C	192 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	6.4 %	6.4 %	ASTM D1003
Gloss	71 %	71 %	45°; ASTM D2457

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