

IRPC Polimaxx Polene GA3245 High Density Polyethylene

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

Material Notes:

CHARACTERISTICS: HIGH TOUGHNESS, GOOD EXTRUDABILITY, EXCELLENT IMPACT STRENGTH
 APPLICATIONS: BLOW FILM EXTRUSION FOR CARRIER BAGS, GROCERY BAGS, SHOPPING BAGS, INDUSTRIAL BAGS, LINER BAGS

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-GA3245-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in ³	ASTM D792
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	Condition B, F50; ASTM D1693
Melt Flow	0.050 g/10 min	0.050 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 Â°C	@Load 4.76 lb, Temperature 374 Â°F	
	0.25 g/10 min	0.25 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 Â°C	@Load 11.0 lb, Temperature 374 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	63	63	DIN 53505
Tensile Strength at Break	42.5 MPa	6160 psi	ASTM D638
Tensile Strength, Yield	23.5 MPa	3410 psi	ASTM D638
Elongation at Break	1750 %	1750 %	ASTM D638
Charpy Impact, Notched	1.70 J/cm ²	8.09 ft-lb/in ²	DIN 53453

Thermal Properties	Metric	English	Comments
Vicat Softening Point	125 Â°C	257 Â°F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	180 - 210 Â°C	356 - 410 Â°F	

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