

IRPC Polimaxx Polene GM2860 High Density Polyethylene

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

Material Notes:

CHARACTERISTICS: HIGH IMPACT STRENGTH, GOOD PROCESSABILITY, HIGH STIFFNESS
 APPLICATIONS: BLOW MOLDING FOR CONTAINERS FROM A FEW ml TO ABOUT 20 LITRES, LUBRICANT BOTTLES COSMETIC BOTTLES, ONE-WAY BOTTLES

Order this product through the following link:

http://www.lookpolymers.com/polymer_IRPC-Polimaxx-Polene-GM2860-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc	0.0347 lb/in ³	ASTM D792
Environmental Stress Crack Resistance	>= 85 hour	>= 85 hour	Condition B, F50; ASTM D1693
Melt Flow	0.35 g/10 min	0.35 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
	1.5 g/10 min	1.5 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 190 °C	@Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	DIN 53505
Tensile Strength at Break	36.5 MPa	5290 psi	ASTM D638
Tensile Strength, Yield	31.5 MPa	4570 psi	ASTM D638
Elongation at Break	2050 %	2050 %	ASTM D638
Charpy Impact, Notched	0.850 J/cm ²	4.05 ft-lb/in ²	DIN 53453

Thermal Properties	Metric	English	Comments
Vicat Softening Point	130 °C	266 °F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	170 - 200 °C	338 - 392 °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