

LyondellBasell Petrothene[®] GA694189 Linear Low Density Polyethylene, Injection Molding Grade

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

PETROTHENE GA694189 is a pelletized LLDPE copolymer resin for injection molding. Typical applications include lids and thin-walled items that require high flow and short cycle times. GA694189 exhibits excellent flow, warp resistance and surface appearance. Specific recommendations for processing GA694189 can only be made when the processing conditions, equipment and end use are known. Contact your Equistar sales representative for more information. This product is from the former Equistar product line.

Order this product through the following link:

http://www.lookpolymers.com/polymer_LyondellBasell-Petrothene-GA694189-Linear-Low-Density-Polyethylene-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in ³	ASTM D1505
Melt Flow	140 g/10 min	140 g/10 min	ASTM D1238
Spiral Flow	67.8 cm	26.7 in	Equistar test

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength at Break	20.0 MPa	2900 psi	2"/min; ASTM D638
1% Secant Modulus	689 MPa	100000 psi	0.5"/min; ASTM D790
2% Secant Modulus	0.593 GPa	86.0 ksi	0.5"/min; ASTM D790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	56.0 Å°C	133 Å°F	ASTM D648
Vicat Softening Point	94.0 Å°C	201 Å°F	ASTM D1525

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	177 Å°C	350 Å°F	
Middle Barrel Temperature	191 Å°C	375 Å°F	
Front Barrel Temperature	204 Å°C	400 Å°F	
Nozzle Temperature	204 Å°C	400 Å°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