

LG Chemical SEETEC PB150 HDPE

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

Material Notes:

Features: This high molecular weight, hexane copolymer is tailored for high impact blow-molded containers that require:Excellent processabilityHigh impact strength at low temperatureOutstanding stress crack resistance (ESCR)Good melt strengthApplications: Fuel Tank, IBC, Jerry can, Agri-chemical containerCAS No. 25213-02-9Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-PB150-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.944 - 0.947 g/cc	0.944 - 0.947 g/cc	ASTM D1505
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50; ASTM D1693
Melt Flow	5.4 - 6.6 g/10 min @Load 21.6 kg, Temperature 190 Â°C	5.4 - 6.6 g/10 min @Load 47.6 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.5 MPa	3410 psi	50 mm/min; ASTM D638
Elongation at Break	>= 600 % @Thickness 50.0 mm	>= 600 % @Thickness 1.97 in	ASTM D638
Flexural Modulus	0.981 GPa	142 ksi	ASTM D790
Izod Impact, Unnotched	>= NB @Temperature 23.0 Â°C	>= NB @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	130 Â°C	266 Â°F	10Â°C/min; ASTM D3418
Crystallization Temperature	133 Â°C	271 Â°F	Melting; DSC
Vicat Softening Point	125 Â°C	257 Â°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