

LG Chemical SEETEC PM360 HDPE

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

Material Notes:

Features: Characteristics: Excellent processability, Good tenacity & knot strength
 Additives: Anti-oxidants, Lubricants
 Application: Tarpaulin, Woven bags (Inflation)
 CAS No. 25213-02-9
 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-PM360-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.949 - 0.952 g/cc	0.949 - 0.952 g/cc	ASTM D1505
Melt Flow	0.70 - 0.85 g/10 min @Load 2.16 kg, Temperature 190 Å°C	0.70 - 0.85 g/10 min @Load 4.76 lb, Temperature 374 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	50	50	ASTM D785
Tensile Strength at Break	28.0 MPa	4060 psi	50mm/min; ASTM D638
Tensile Strength, Yield	24.5 MPa	3560 psi	50 mm/min; ASTM D638
Elongation at Break	>= 500 % @Thickness 50.0 mm	>= 500 % @Thickness 1.97 in	ASTM D638
Flexural Modulus	1.27 GPa	185 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	131 Å°C	268 Å°F	10Å°C/min; ASTM D3418
Vicat Softening Point	124 Å°C	255 Å°F	ASTM D1525

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