

SCG Chemicals EL-Leneâ,,ç D682PC Low Density Polyethylene Pipe Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Extrusion Grade

Material Notes:

Key Characteristics: High flexibility, good processing Recommended Applications: Irrigation pipes Information provided by SCG Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-D682PC-Low-Density-Polyethylene-Pipe-Resin.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.939 g/cc	0.939 g/cc	ISO 1183
Environmental Stress Crack Resistance	>= 10000 hour	>= 10000 hour	F0; ASTM D1693
Oxidative Induction Time (OIT)	>= 40 min @Temperature 200 Â°C	>= 40 min @Temperature 392 Â°F	ISO/TR10837
Carbon Black Loading	2.3 %	2.3 %	ISO 6964
Melt Flow	0.18 g/10 min @Load 5.00 kg, Temperature 190 Â°C	0.18 g/10 min @Load 11.0 lb, Temperature 374 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 18.0 MPa	>= 2610 psi	Crosshead speed 100 mm/min; ISO 527
Elongation at Break	>= 600 %	>= 600 %	Crosshead speed 100 mm/min; ISO 527
Hydrostatic Design Basis	5.00 MPa	725 psi	MRS Classified; ISO 9080

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -60.0 Â°C	<= -76.0 Â°F	ASTM D746

Descriptive Properties	Value	Comments
Carbon Black/Pigment Dispersion (grade)	<3	ISO 18553
Color	Black	

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