EL-Lene™ D682PC

Linear Low Density Polyethylene

SCG Chemicals Co., Ltd.

Message:

EL-Lene D682PC is a black linear low density polyethylene compound. Well dispersed carbon black creates outstanding UV resistance.

General Information			
Additive	Carbon Black (2 to 3%) UV Stabilizer		
Features	Good Flexibility Good Processability Good UV Resistance High ESCR (Stress Crack Resist.) Low Density		
Uses	Agricultural Applications Corrugated Pipe Industrial Applications Piping		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density [1]	0.941 to 0.948	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20 to 0.28	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (F0)	> 1000	hr	ASTM D1693
Carbon Black Content	2.0 to 2.5	%	ISO 6964
Carbon Black Dispersion	< 3		ISO 18553
Hydrostatic Pressure Test	PE50		ISO 1167
Oxidation Induction Time (200°C)	> 40	min	ISO 10837
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Break)	> 15.7	MPa	ISO 527-2/100
Tensile Strain (Break)	> 600	%	ISO 527-2/100
Extrusion	**Nominal Value**	**Unit**	
Drying Temperature	80.0 to 95.0	°C	
Drying Time	1.0 to 2.0	hr	
Melt Temperature	190 to 210	°C	

NOTE	
1.	Compound

Recommended distributors for this material

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