

Polymer-E F1100

Low Density Polyethylene
Asia Polymer Corporation (APC)

Message:

Polymer-E F1100 is a Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific. Typical application: Hose/Tubing. Primary characteristic: good processability.

General Information			
Features	Good Processability		
Uses	Tubing		
Appearance	Natural Color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.921	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.1	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	50		ASTM D2240
Mechanical	Nominal Value		Test Method
Coefficient of Friction	< 0.85		ASTM D1894
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	50.0	°C	ASTM D648
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	96.0	°C	ASTM D1525
Melting Temperature	107	°C	Internal Method
Optical	Nominal Value	Unit	Test Method
Gardner Gloss (31.8 μm, Blown Film)	66		ASTM D523
Haze (31.8 μm, Blown Film)	11	%	ASTM D1003

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