Polymer-E C7100

Low Density Polyethylene

Asia Polymer Corporation (APC)

Message:

Polymer-E C7100 is a Low Density Polyethylene product. It can be processed by extrusion or extrusion coating and is available in Asia Pacific. Applications of Polymer-E C7100 include coating applications and wire & cable.
Characteristics include:
Fast Molding Cycle
Good Adhesion

General Information	
Features	Fast Molding Cycle Good Adhesion Good Drawdown Low Neck-In
Uses	Coating Applications Laminates Wire & Cable Applications
Appearance	Natural Color
Processing Method	Extrusion Extrusion Coating

Physical	Nominal Value	Unit	Test Method
Density	0.917	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.3	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	48		ASTM D2240
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	10.8	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	48.0	°C	ASTM D648
Brittleness Temperature	< -70.0	°C	ASTM D746
Vicat Softening Temperature	85.0	°C	ASTM D1525

Recommended distributors for this material

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