

# Polymer-E M2100

Low Density Polyethylene  
Asia Polymer Corporation (APC)

Message:

Polymer-E M2100 is a Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific. Applications of Polymer-E M2100 include coating applications and foam.

Characteristics include:

Good Processability  
High Gloss

General Information			
Features	Good Moldability		
	High Gloss		
Uses	Coating Applications		
	Foam		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	26	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	10.8	MPa	ASTM D638
Tensile Elongation (Break)	120	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	50.0	°C	ASTM D648
Brittleness Temperature	< -60.0	°C	ASTM D746
Vicat Softening Temperature	93.0	°C	ASTM D1525
Melting Temperature	110	°C	Internal Method

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