

Michithene R6110

Low Density Polyethylene

API Polymers, Inc.

Message:

Michithene R6110 is a Low Density Polyethylene product. It can be processed by extrusion and is available in North America.

General Information			
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8.96	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Flexural Modulus - Tangent	207	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Cylinder Zone 1 Temp.	177	°C	
Cylinder Zone 2 Temp.	204	°C	
Cylinder Zone 3 Temp.	204	°C	
Cylinder Zone 4 Temp.	204	°C	
Melt Temperature	216	°C	
Die Temperature	232	°C	

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Recommended distributors for this material

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