

Michithene R6100

Low Density Polyethylene

API Polymers, Inc.

Message:

Michithene R6100 is a Low Density Polyethylene product. It is available in North America.

General Information			
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)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.60	%	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
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	204	°C	
Middle Temperature	204	°C	
Front Temperature	199	°C	
Nozzle Temperature	210	°C	
Processing (Melt) Temp	204	°C	
Mold Temperature	26.7	°C	

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Recommended distributors for this material

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