

Michithene R6300

High Density Polyethylene
API Polymers, Inc.

Message:
Michithene R6300 is a High Density Polyethylene product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	2.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Yield)	400	%	ASTM D638
Flexural Modulus - Tangent	758	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	69.4	°C	
1.8 MPa, Unannealed	54.4	°C	
Injection	Nominal Value	Unit	
Drying Temperature	76.7	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	210	°C	
Middle Temperature	210	°C	
Front Temperature	204	°C	
Nozzle Temperature	216	°C	
Processing (Melt) Temp	216	°C	
Mold Temperature	32.2	°C	

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Recommended distributors for this material

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