

Michilene F8230

Polypropylene Copolymer

API Polymers, Inc.

Message:

Michilene F8230 is a Polypropylene Copolymer (PP Copolymer) product. It is available in North America. Primary characteristic: copolymer.

General Information			
Features	Copolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.8	MPa	ASTM D638
Tensile Elongation (Break)	12	%	ASTM D638
Flexural Modulus - Tangent	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	87.8	°C	
1.8 MPa, Unannealed	54.4	°C	
Brittleness Temperature	-18.0	°C	ASTM D789
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	3.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	216	°C	
Middle Temperature	216	°C	
Front Temperature	210	°C	
Nozzle Temperature	204	°C	
Processing (Melt) Temp	216	°C	
Mold Temperature	26.7	°C	

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