

KMI PP KM-569IB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-569IB is a high flow impact PP resin for injection molding applications. It exhibits high elongation as well as good impact strength. It is applicable to the injection molding of large articles which require high melt flowability and complex geometries.

Characteristics:

High productivity and flowability

Excellent elongation properties with good heat stability

General Information			
Features	Impact copolymer		
	Impact resistance, good		
	High liquidity		
	Thermal stability, good		
	Extended tensile rate		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	115	°C	ASTM D648

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