

KMI PP KM-001JB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-001JB is an impact polypropylene designed for injection molding application which needs high impact strength. The optimum rubber design of KM-001JB offers excellent property balance between stiffness and impact strength.

Characteristics:

Excellent balance between stiffness and impact strength

Good appearance and processability

General Information			
Features	Impact copolymer		
	Impact resistance, high		
	Workability, good		
	Good appearance		
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)	1.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	500	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	110	°C	ASTM D648

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