

KMI PP KM-003JB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-003JB is for injection molding applications. It shows easy processability and an excellent stiffness combined with good impact strength and appearance.

Characteristics:

Excellent balance between stiffness and impact strength

Good Appearance (gas mark and void free, high gloss)

Good processability and productivity

General Information			
Features	Rigidity, high		
	Highlight		
	Impact copolymer		
	Impact resistance, good		
	Workability, good		
	Good appearance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	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)	> 300	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	110	°C	ASTM D648

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