

KMI PP KM-053JB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-053JB is for injection molding application. It is an impact copolymer that shows an easy processability and an excellent stiffness combined with good impact strength and appearance.

Food Contact Application:

KM-053JB meets the requirements of the FDA contained in the Code of Federal Regulations in 21 CFR 177.1520.

Characteristics:

Excellent balance between stiffness and impact strength

Good appearance

Good processability and productivity

General Information			
Features	Rigidity, high		
	Impact copolymer		
	Impact resistance, good		
	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)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Yield)	400	%	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	105	°C	ASTM D648

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