

# KMI PP KM-253JB

Polypropylene Impact Copolymer

KMI Group, Inc.

## Message:

KM-253JB is for injection molding application. It is an impact copolymer that shows good processability, productivity, and UV stability. This grade can be used for various applications due to the well balanced mechanical property and processability.

Characteristics:

Excellent balance between stiffness and impact strength

Good appearance

Good processability and productivity

Good UV stability

General Information			
Features	Impact copolymer		
	Good UV resistance		
	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
Notched Izod Impact (23°C)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	105	°C	ASTM D648

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