

KMI PP KM-0283HB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-0283HB is an ultra high impact propylene copolymer designed for injection molding and compounding applications. It has excellent properties in impact strength as well as stiffness, flow, mechanical properties and heat resistance, which make this grade suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications.

Characteristics:

Very high impact strength

General Information			
Features	Ultra-high impact resistance		
	Rigidity, high		
	Impact copolymer		
	High liquidity		
	Heat resistance, high		
Uses	Thin wall parts		
	Electrical/Electronic Applications		
	Electrical appliances		
	Composite		
	Application in Automobile Field		
	Container		
Processing Method	Composite		
	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)	28	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	72		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.6	MPa	ASTM D638
Tensile Elongation (Break)	< 300	%	ASTM D638
Flexural Modulus	981	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	110	°C	ASTM D648

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