

KMI PP KM-0093XB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-0093XB is a high crystalline propylene impact copolymer designed for injection molding applications. It has excellent properties in stiffness, flow, mechanical properties, heat resistance and impact strength, which make this grade suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications. This is not a chemical cracked grade so it is free from surface gas mark. It can also reduce various injection problems such as surface trouble, shrink, warpage, etc. and reduce the cycle time of injection molding due to rapid crystallization.

Characteristics:

High Stiffness

High Impact Strength

General Information			
Features	Rigidity, high		
	High crystallization		
	Impact copolymer		
	Impact resistance, high		
	High liquidity		
	Heat resistance, high		
Uses	Thin wall parts		
	Electrical/Electronic Applications		
	Electrical appliances		
	Application in Automobile Field		
	Container		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Break)	< 100	%	ASTM D638
Flexural Modulus	1860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	135	°C	ASTM D648

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