

KMI PP KM-017IB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-017IB is an impact copolymer polypropylene for injection molding. It exhibits a high rigidity as well as excellent impact strength due to the ideal combination of highly crystalline homo matrix and the well designed rubber morphology.

General Information			
Features	Rigidity, high		
	High crystallization		
	Impact copolymer		
	Impact resistance, high		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0	%	ASTM D638
Fracture	< 150	%	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	17.9	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	95	°C	ASTM D648

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