

# KMI PP KM-068IB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-068IB is a block copolymer polypropylene resin for injection molding applications. The grade shows excellent surface appearance due to flow mark free performance. KM-068IB has good processability and impact strength. It is highly suitable as a base resin for automobile compound articles.

Food Contact Application:

KM-068IB meets the FDA requirements in the Code of Federal Regulations in CFR 177.1520 for food contact.

Characteristics:

Excellent flow-mark performance

Excellent stiffness/impact balance

High Flowability

General Information			
Features	Block Copolymer		
	Impact copolymer		
	Impact resistance, good		
	Workability, good		
	High liquidity		
	Compliance of Food Exposure		
	Good appearance		
Uses	Application in Automobile Field		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.9	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	1570	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	125	°C	ASTM D648

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