

KMI PP KM-027IB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-027IB is a high flow impact copolymer for injection molding applications. It is designed to have low gloss compared to the conventional PP products. Due to its low gloss and high flowability, it can be an excellent candidate for the base resin of PP composite for the interior parts of an automobile

Characteristics:

Low Gloss

High flowability

General Information			
Features	Gloss, low		
	Impact copolymer		
	High liquidity		
Uses	Car interior parts		
Processing Method	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)	30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	110	°C	ASTM D648

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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