

KMI PP KM083-MJ

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM083-MJ is a high impact block copolymer which has more ethylene contents than normal block copolymer. This grade is designed to be processed in conventional injection molding equipment. It should ultra high melt flow, controlled rheology and has medium impact resistance and high strength and stiffness.

General Information			
Features	Block Copolymer		
	Rigidity, high		
	High strength		
	Controlled rheology		
	High liquidity		
	Medium impact resistance		
Forms	Particle		
Processing Method	Multiple injection molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	< 100	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	105	°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

