

KMI PP KM-S085J

Polypropylene Random Copolymer

KMI Group, Inc.

Message:

KM-S085J is a nucleated random copolymer for injection molding applications. This grade is designed to be processed in conventional injection molding equipment and offers high transparency, good mechanical balance, high gloss, lower cycle time, super high flow and low smell.

General Information			
Additive	Nucleating agent		
Features	Nucleated		
	Highlight		
	High liquidity		
	The smell is low to none		
	Definition, high		
	Random copolymer		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	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)	35	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)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	11300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	95	°C	ASTM D648

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