KMI PP KM-699IB

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-699IB is an ultra high flow impact PP resin for injection molding applications. It is reactor-made block PP, which exhibits high rigidity as well as excellent impact strength due to well-designed resin structure. In addition, it shows better shrinkage property than conventional impact PPs. It is suitable for the injection molding of large-scale articles, base-resin for PP compounds, and thin products.
Characteristics:
High flow ability: MI>100, reactor-made product
Excellent balance between stiffness & imapct strength

General Information			
Features	Block Copolymer Rigidity, high Impact copolymer Impact resistance, high High liquidity		
Uses	Thin wall parts Composite		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	0.910	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	100	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Break)	< 20	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact (23°C)	44	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Distortion	125	°C	ASTM D648

Recommended distributors for this material

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