

KMI PP KM60-51 5XL

Polypropylene Copolymer

KMI Group, Inc.

Message:

KM60-51 5XL is an isotactic form of copolymer polypropylene made with metallocene catalyst technology. It is formulated to provide super clarity and is primarily used for injection molding applications.

Applications:

KM-60-51 5XL is primarily used for injection molding, but due to its unique properties, other applications are possible.

General Information			
Features	High isotactic		
	Copolymer		
	Definition, high		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1380	MPa	ASTM D638
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	135	°C	Internal method
Optical	Nominal Value	Unit	Test Method
Haze (10200 μm)	4.0	%	ASTM D1003

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