

KMI PP KM061-JC

Polypropylene Homopolymer

KMI Group, Inc.

Message:

KM061-JC is a homopolymer polypropylene for injection molding applications. This grade shows food thermal stability and has high strength and stiffness. It is typically used in production of house wares and general supplies. It is highly useful for use in high strength products which are exposed to lengthy periods of high temperatures.

General Information			
Features	Rigidity, high		
	High strength		
	Homopolymer		
	Thermal stability, good		
Uses	Household goods		
	General		
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)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.2	MPa	ASTM D638
Tensile Elongation (Break)	< 100	%	ASTM D638
Flexural Modulus	2060	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	140	°C	ASTM D648

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