

KMI PP KM-7293ZW

Polypropylene Homopolymer

KMI Group, Inc.

Message:

KM-7293ZW is a homopolymer polypropylene for injection molding.

Applications:

Thin walls, caps, closures

General Information			
Features	Homopolymer		
Uses	Thin wall parts		
	Shield		
	Shell		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	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 (Break)	37.9	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	1970	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	127	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Melting Temperature	160 - 165	°C	Internal method

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