

KMI PP KM-4494ZW

Polypropylene Impact Copolymer

KMI Group, Inc.

Message:

KM-4494ZW is a nucleated impact copolymer polypropylene for injection molding.

Applications:

Thin walled applications such as housewares, and compounding

General Information	
Additive	Nucleating agent
Features	Nucleated
	Impact copolymer
Uses	Thin wall parts
	Composite
	Household goods
Processing Method	Composite
	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)	50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	25.2	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	1340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525
Melting Temperature	160 - 165	°C	Internal method

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