KMI KM TEC 132

Styrene Methyl Methacrylate Acrylic Copolymer

KMI Group, Inc.

Message:

A dry-blend styrene-acrylic copolymer that is impact modified and has great clarity.
Characteristics:
It has low density, good toughness, and great clarity. It is easy to process, and drying is not required.

General Information			
Additive	Impact modifier		
Features	Impact modification Copolymer Workability, good Definition, high		
Appearance	Clear/transparent		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.06	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ASTM D1238
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	2520	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	39.3	MPa	ASTM D638
Fracture	49.0	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	2.0	%	ASTM D638
Fracture	9.0	%	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	180	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	75.0	°C	ASTM D648
Vicat Softening Temperature	102	°C	ASTM D1525
Optical	**Nominal Value**	**Unit**	**Test Method**
Transmittance	90.0	%	ASTM D1003
Haze	1.4	%	ASTM D1003
Injection	**Nominal Value**	**Unit**	
Rear Temperature	170 - 180	°C	
Middle Temperature	180 - 190	°C	
Front Temperature	200 - 210	°C	

Nozzle Temperature	210 - 220	°C
Mold Temperature	30 - 40	°C

Injection instructions

Max. Recommended: 464°F

Recommended distributors for this material

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WECHAT