

Cevian®-MAS MAS30, MAS30F

Methyl Methacrylate Styrene

Daicel Polymer Ltd.

Message:

Cevian®-MAS MAS30, MAS30F is a Methyl Methacrylate Styrene (MMS) material. It is available in Asia Pacific. Primary attribute of Cevian®-MAS MAS30, MAS30F: Flame Rated.

General Information			
UL YellowCard	E47773-239892		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	13	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.15	%	ISO 62
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	80		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	70.0	MPa	ISO 527-2
Flexural Modulus	3400	MPa	ISO 178
Flexural Stress	115	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m ²	ISO 179/1eA
Notched Izod Impact (23°C, 6.40 mm)	15	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, 12.7 mm	90.0	°C	ASTM D648
1.8 MPa, Unannealed	80.0	°C	ISO 75-2/A
CLTE - Flow	7.0E-5	cm/cm/°C	ISO 11359-2
Ball Pressure Test	90	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0 to 85.0	°C	
Drying Time	3.0 to 5.0	hr	
Rear Temperature	170 to 190	°C	
Middle Temperature	190 to 210	°C	
Front Temperature	210 to 230	°C	
Nozzle Temperature	210 to 230	°C	
Mold Temperature	40.0 to 60.0	°C	
Back Pressure	10.0 to 20.0	MPa	

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Recommended distributors for this material

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