

Generic PS (MIPS)

Medium Impact Polystyrene

Generic

Message:

This data represents typical values that have been calculated from all products classified as: Generic PS (MIPS)
This information is provided for comparative purposes only.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04 - 1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.9 - 13	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.40 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break, 23°C)	34 - 45	%	ASTM D638
Flexural Modulus (23°C)	2100 - 2560	MPa	ASTM D790
Flexural Strength (23°C)	35.9 - 51.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43 - 75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9 - 74.2	°C	ASTM D648
Vicat Softening Temperature	93.0 - 96.3	°C	ASTM D1525
Injection	Nominal Value	Unit	
Mold Temperature	32.2 - 60.0	°C	
Injection instructions			

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