

Matrixx 85S7451

Polyethylene Terephthalate

The Matrixx Group, Inc.

Message:

Matrixx 85S7451 is a Polyethylene Terephthalate (PET) material filled with 75% glass fiber. It is available in North America.

Important attributes of Matrixx 85S7451 are:

Flame Rated

Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber,75% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.80	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	152	MPa	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	12400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	238	°C	
1.8 MPa, Unannealed, 3.18 mm	204	°C	
RTI Elec	75.0	°C	UL 746
RTI Imp	75.0	°C	UL 746
RTI Str	75.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
3.00 mm	5VA		
Additional Information	Nominal Value	Unit	Test Method
Reinforcement Content	45	%	ASTM D5630

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Recommended distributors for this material

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