

4TECH® 9D02460 H

Polypropylene Homopolymer
4Plas

Message:

4TECH 9D02460 H is a MFI 4 to 5 60% Chemically Coupled Glass Fibre Heat Stabilised Homopolymer Polypropylene

General Information			
Filler / Reinforcement	Glass Fiber,60% Filler by Weight		
Additive	Heat Stabilizer		
Features	Chemically Coupled		
	Heat Stabilized		
	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Density	1.46	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	15000	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	110	MPa	ISO 527-2/5
Tensile Strain (Break, 23°C)	1.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	11	kJ/m²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	150	°C	ISO 75-2/A
Melting Temperature ¹	165	°C	ISO 11357
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	HB		
1.60 mm	HB		
NOTE			

1. 10 K/min

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