

4TECH® 9D12420 FR5UV

Polypropylene Homopolymer
4Plas

Message:

4TECH 9D12420 FR5UV is a MFI 10 to 15 20% Chemically Coupled Glass Fibre FR-V0 Halogen Free, UV Stabilised Homopolymer Polypropylene

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Additive	UV stabilizer		
Features	Chemical coupling		
	Homopolymer		
	Good UV resistance		
	Halogen-free		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	6000	MPa	ISO 527-2/5
Tensile Stress (Break, 23°C)	70.0	MPa	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180/1A
-30°C	6.0	kJ/m ²	ISO 180/1A
23°C	7.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	168	°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
Additional Information			
Ignitability - Ignition Source 5 - NI/5 (BS5852:2006)			
NOTE			
1.	10 K/min		

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Recommended distributors for this material

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