

Diaterm® B26 GF35

Polyamide 66
DTR S.r.l. (Develop Thermoplastic Resins)

Message:
Diaterm®B26 GF35 is a polyamide 66 (nylon 66) material, which contains a 35% glass fiber reinforced material. This product is available in Europe.
Diaterm®The main characteristics of B26 GF35 are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 35% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	170	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	9900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	255	°C	ASTM D648
1.8 MPa, not annealed	245	°C	ASTM D648
Vicat Softening Temperature	255	°C	ASTM D1525 ¹
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+12	ohms	ASTM D257
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Glow Wire Ignition Temperature	650	°C	IEC 60695-2-13
Additional Information			
Water Absorption, DIN 53714, 23°C, 50% RH: 1.9%Burning Rate, DIN 75200: <100mm/min			
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
NOTE			

1. 标准 B (120°C/h), 载荷2 (50N)

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