

# Diaterm® B26 GF20

Polyamide 66

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

## Message:

Diaterm® B26 GF20 is a polyamide 66 (nylon 66) material, which contains a 20% glass fiber reinforced material. This product is available in Europe.

Diaterm® The main features of B26 GF20 are:

flame retardant/rated flame

Medium viscosity

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Medium viscosity		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	125	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	7100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	65	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	250	°C	ASTM D648
1.8 MPa, not annealed	230	°C	ASTM D648
Vicat Softening Temperature	245	°C	ASTM D1525 <sup>1</sup>
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: 2.4%Burning Rate, DIN 75200: <100mm/min			
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	1.0	hr	
NOTE			

1. 标准 B (120°C/h), 载荷2 (50N)

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
Phone: +86 13424755533  
Email: sales@su-jiao.com  
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

