Diaterm® A27 SR GF50

Polyamide 6

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

Message:

Diaterm®A27 SR GF50 is a polyamide 6 (nylon 6) material, which contains a 50% glass fiber reinforced material. This product is available in Europe.
Diaterm®The main features of A27 SR GF50 are:
flame retardant/rated flame
Hard
Impact resistance

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 50% filler by weight		
Features	Rigidity, high		
	Impact resistance, high		

Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.53	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	210	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	14000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	212	°C	ASTM D648
1.8 MPa, not annealed	195	°C	ASTM D648
Vicat Softening Temperature	215	°C	ASTM D1525 [1]
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	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: 1.5%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)

Recommended distributors for this material   Page 2

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

WECHAT