

SCHULAMID® 6 GF 15 H K1432 BLACK

96.8148

Polyamide 6
A. Schulman Europe

Message:
15% glass fiber reinforced PA 6, heat stabilized

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 15% filler by weight		
Additive		heat stabilizer		
Features		Thermal Stability		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.24	--	g/cm ³	ISO 1183/A
Water Absorption (Equilibrium, 23°C, 50% RH)	2.3	--	%	ISO 62
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	5400	3100	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	100	55.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.3	23	%	ISO 527-2/1A/5
Flexural Modulus	4500	--	MPa	ISO 178
Flexural Stress	160	--	MPa	ISO 178
Flexural Strain at Flexural Strength	4.8	--	%	ISO 178
Impact	Dry	Conditioned	Unit	Test Method
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	28	--	kJ/m ²	ISO 179/1eU
23°C	30 kJ/m ²	No Break		ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	212	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	194	--	°C	ISO 75-2/Af
Additional Information				

干燥
1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

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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

