

SCHULAMID® 6 RBL 3000 BLACK

Polyamide 6
A. Schulman Europe

Message:
30% glass fiber reinforced PA 6, Recycled Grade

General Information				
Filler / Reinforcement		Glass fiber reinforced material, 30% filler by weight		
Processing Method		Injection molding		
Physical	Dry	Conditioned	Unit	Test Method
Density	1.35	--	g/cm ³	ISO 1183/A
Viscosity Number	139	--	cm ³ /g	ISO 307
Mechanical	Dry	Conditioned	Unit	Test Method
Tensile Modulus	9500	6200	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	160	95.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.5	6.7	%	ISO 527-2/1A/5
Impact	Dry	Conditioned	Unit	Test Method
Charpy Notched Impact Strength				ISO 179/1eA
-30°C	7.0	--	kJ/m ²	ISO 179/1eA
23°C	9.0	15	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength				ISO 179/1eU
-30°C	48	--	kJ/m ²	ISO 179/1eU
23°C	55	70	kJ/m ²	ISO 179/1eU
Thermal	Dry	Conditioned	Unit	Test Method
Heat Deflection Temperature				
0.45 MPa, not annealed	218	--	°C	ISO 75-2/Bf
1.8 MPa, not annealed	202	--	°C	ISO 75-2/Af
Additional Information				

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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

