

Technical Data Sheet

Schulamid FP62F30HBK0404BLK



Polyamide 6

Product Description

Schulamid FP62F30HBK0404BLK is a Polyamide 6 Glass Fiber, 30% filled material and is typically used in Injection Molding applications.

Processing Method	Injection Molding
Forms	Pellets
Application	Industrial Applications
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.36	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	145	MPa	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Impact			
Notched Izod Impact	80	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	188	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	213	°C	ASTM D648

Injection Parameters	Nominal Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	71 to 93	°C
Suggested Max Moisture	0.1	%
Processing (Melt) Temp	260 to 293	°C
Front Temperature	260 to 288	°C
Middle Temperature	260 to 288	°C
Rear Temperature	260 to 288	°C
Injection Rate	Fast	
Back Pressure	<0.345	MPa
Mold Temperature	82 to 93	°C
Cushion	6.35 to 12.7	mm