

Technical Data Sheet

Schulamid FP63E15BK22BLK

Polyamide 6

Product Description

FP63E15BK22 is a 15% glass-reinforced, Black Nylon 6

Processing Method	Injection Molding
Attribute	Filled
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 15%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.23	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break	128	MPa	ASTM D638
Flexural Modulus	531	MPa	ASTM D790
Impact			
Notched Izod Impact	43	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	188	°C	ASTM D648
Drying Time	4.0 to 6.0	hr	
Drying Temperature	71 to 93	°C	
Suggested Max Moisture	0.1	%	
Processing (Melt) Temp	249 to 282	°C	
Front Temperature	260 to 282	°C	
Middle Temperature	260 to 282	°C	
Rear Temperature	249 to 282	°C	
Injection Rate	Fast		
Back Pressure	<0.345	MPa	
Mold Temperature	82 to 93	°C	
Cushion	6.35 to 12.7	mm	