

Technical Data Sheet

Schulamid FP62E15BKBLK



Polyamide 6

Product Description

15% Glass Reinforced Nylon 6

Processing Method Injection Molding

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	98.8	MPa	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Impact			
Notched Izod Impact	37	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	193	°C	ASTM D648
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	Moderate-Fast		
Back Pressure	<0.345	MPa	
Mold Temperature	82 to 93	°C	
Cushion	6.35 to 12.7	mm	