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Technical Data Sheet

Schulamid FP63E15HSNANAT



Polyamide 6

Product Description

FP63E15HSNA is a 15% glass-reinforced Nylon 6, Natural Color.

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	117	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
Impact			
Notched Izod Impact	48	J/m	ASTM D256
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	