

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
<b>Physical</b>			
Density - Specific Gravity	1.23	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength	117	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Flexural Modulus	5100	MPa	ASTM D790
<b>Impact</b>			
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	