

Technical Data Sheet

Schulamid F662E15BKBLK

Polyamide 66

Product Description

15% glass reinforced Nylon 6,6

Processing Method Injection Molding

Forms Pellets

Filler/Reinforcement Glass Fiber, 15%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.22	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	9	%	ASTM D638
Tensile Strength at Yield	106	MPa	ASTM D638
Flexural Modulus	5000	MPa	ASTM D790
Impact			
Notched Izod Impact	36	J/m	ASTM D256

Injection Parameters	Nominal Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	71 to 82	°C
Processing (Melt) Temp	260 to 282	°C
Front Temperature	249 to 282	°C
Middle Temperature	249 to 271	°C
Rear Temperature	249 to 271	°C
Injection Rate	Moderate-Fast	
Back Pressure	<0.345	MPa
Mold Temperature	66 to 93	°C
Cushion	6.35 to 12.7	mm