

Technical Data Sheet

**Schulamid F663E33GY222GRY**



Polyamide 66

**Product Description**

33% Glass Reinforced Nylon 66

**Processing Method** Injection Molding

**Forms** Pellets

**Filler/Reinforcement** Glass Fiber, 33%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	1.38	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	149	MPa	ASTM D638
Flexural Modulus, (Tangent)	9310	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	80	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	249	°C	ASTM D648
<b>UL Information</b>			
Flame Rating	HB		UL 94

Injection Parameters	Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	71 to 93	°C
Processing (Melt) Temp	249 to 293	°C
Front Temperature	249 to 293	°C
Middle Temperature	249 to 293	°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