Technical Data Sheet

Schulamid F662E33HBGY226GRY

Polyamide 66

Product Description

Schulamid F662E33HBGY226GRY is a Polyamide 66 Glass Fiber, 33% filled material and is typically used in Injection Molding applications.

Processing Method	Injection Molding
Forms	Pellets
Appearance	Black
Application	Industrial Applications
Filler/Reinforcement	Glass Fiber, 33%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.38	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield	159	MPa	ASTM D638
Flexural Modulus, (Tangent)	8270	MPa	ASTM D790
Impact			
Notched Izod Impact	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	249	°C	ASTM D648
RTI Str	65.6	°C	UL 746B
UL Information			
Flame Rating, (1.5 mm)	HB		UL 94

Injection Parameters	Nominal Value	Units
Drying Time	4.0 to 6.0	hr
Drying Temperature	71 to 93	°C
Processing (Melt) Temp	277 to 299	°C
Front Temperature	271 to 299	°C
Middle Temperature	271 to 299	°C
Rear Temperature	271 to 299	°C
Injection Rate	Moderate-Fast	
Back Pressure	<0.345	MPa
Mold Temperature	66 to 93	°C
Cushion	6.35 to 12.7	mm