

Technical Data Sheet

Schulamid F663E33HB 2A947 Light Grey



Polyamide 66

Product Description

33% Glass Reinforced Nylon 66

Regulatory Status

For regulatory compliance information, see F663E33HB 2A947 Light Grey [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 33%

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



Nominal

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

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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