

Technical Data Sheet

Schulamid E-17391-33 BLK



Polyamide 612

Product Description

43% Glass Fiber Reinforced, UV Stabilized, Nylon 612

Regulatory Status

For regulatory compliance information, see *Schulamid E-17391-33 BLK* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	North America
Processing Method	Injection Molding
Filler/Reinforcement	Glass Fiber, 43%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.42	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	185	MPa	ASTM D638
Flexural Modulus	11700	MPa	ASTM D790
Tensile Elongation at Break	5	%	ASTM D638
Flexural Strength at Break	261	MPa	ASTM D790
Impact			
Unnotched Izod Impact	No Break		ASTM D4812
Notched Izod Impact	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	199	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	211	°C	ASTM D648



Nominal

Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82	°C
Suggested Max Moisture	0.040 to 0.12	%
Processing (Melt) Temp	249 to 288	°C
Mold Temperature	66 to 93	°C

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/>.

© LyondellBasell Industries Holdings, B.V. 2018

Disclaimer

Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.