

Technical Data Sheet

**Schulamid 66MV3**

Polyamide 66
LyondellBasell Industries
Engineering Plastics

Product Description

Nylon 66 Heat Stabilized

General

Material Status	• Commercial: Active		
Availability	• Latin America	• North America	
Additive	• Heat Stabilizer		
Features	• Heat Stabilized		
Automotive Specifications	• GM QK 002921 Color: Natural		
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.13	1.13 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	13900 psi	96.0 MPa	ASTM D638
Flexural Modulus ²	450000 psi	3100 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.1 ft·lb/in	60 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 psi (0.45 MPa), Unannealed	437 °F	225 °C	
264 psi (1.8 MPa), Unannealed	154 °F	68.0 °C	

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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