

Technical Data Sheet

**Schulamid 6 MV 14 FR 4 K1681**

Polyamide 6
LyondellBasell Industries
Engineering Plastics

Product Description

Nylon Unfilled PBDE-Free, GWIT

General

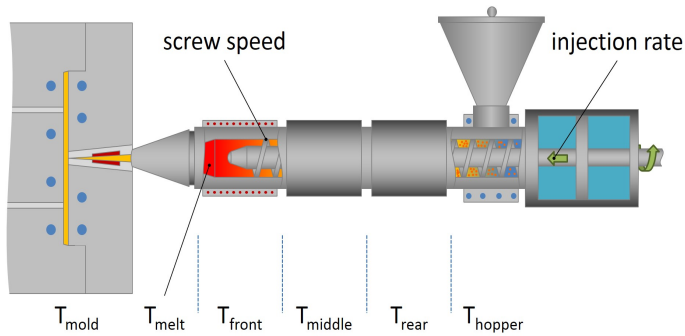
Material Status	• Commercial: Active		
Availability	• Latin America	• North America	
Processing Method	• Blow Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.26 g/cm ³	1.26 g/cm ³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus ¹ (73°F (23°C))	551000 psi	3800 MPa	ISO 527-1/1
Tensile Stress ¹ (Yield, 73°F (23°C))	10200 psi	70.0 MPa	ISO 527-2/1A/50
Tensile Strain ¹ (Yield, 73°F (23°C))	3.0 %	3.0 %	ISO 527-2/1A/50
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Charpy Notched Impact Strength (73°F (23°C))	1.9 ft·lb/in ²	4.0 kJ/m ²	ISO 179/1eA
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	169 °F	76.0 °C	ISO 75-2/Af

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**Injection Notes**

Mould surface contacting melt should
be of non-corrosive steel (content of chrome > 12%)

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Notes

¹ Dry as molded

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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