

Technical Data Sheet

Network Polymers Nylon 6615 HS Impact Modified

Polyamide 66
LyondellBasell Industries
Engineering Plastics

General			
Appearance	• Natural Color		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.07	1.07 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	7000 psi	48.3 MPa	ASTM D638
Flexural Modulus	248000 psi	1710 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact			ASTM D256
73°F (23°C), 0.125 In (3.18 Mm)	18 ft·lb/in	960 J/m	
Tensile Impact Strength ¹	60.0 ft·lb/in ²	126 kJ/m ²	ASTM D1822
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed	138 °F	58.9 °C	
Peak Melting Temperature	500 °F	260 °C	ASTM D3418

Notes

¹ Type S

Notes

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