

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 <sup>3</sup>	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 73°F (23°C), 0.125 In (3.18 Mm)	18 ft·lb/in	960 J/m	ASTM D256
Tensile Impact Strength <sup>1</sup>	60.0 ft·lb/in <sup>2</sup>	126 kJ/m <sup>2</sup>	ASTM D1822

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	138 °F	58.9 °C	ASTM D648
Peak Melting Temperature	500 °F	260 °C	ASTM D3418

**Notes**  
<sup>1</sup> Type S

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