

Technical Data Sheet

Network Polymers Nylon 6604 HS

Polyamide 66
LyondellBasell Industries
Engineering Plastics

General		
Additive	• Heat Stabilizer	• Impact Modifier
Features	• Heat Stabilized	• Impact Modified

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.08	1.08 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8700 psi	60.0 MPa	ASTM D638
Tensile Elongation (Break)	50 %	50 %	ASTM D638
Flexural Modulus	260000 psi	1790 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)	3.0 ft·lb/in	160 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	140 °F	60.0 °C	ASTM D648
Peak Melting Temperature	485 °F	252 °C	ASTM D3418

Notes

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