

Network Polymers Nylon 66

PA66

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.013	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	82.7	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2861	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	90	°C	ASTM D 648
Melting Temperature	254	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1140	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America