

## Network Polymers Nylon 6

PA6

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ASTM Data</b>			
Mold Shrinkage, MD	0.012	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	75.8	MPa	ASTM D 638
Elongation at Break	50	%	ASTM D 638
Flexural Modulus	2551	MPa	ASTM D 790
Izod Impact notched, 1/8 in	48	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
DTUL @ 264 psi	65	°C	ASTM D 648
Melting Temperature	216	°C	ASTM D 3418

Other properties	Value	Unit	Test Standard
Density	1130	kg/m <sup>3</sup>	ASTM D 792

### Characteristics

#### Regional Availability

North America