

Lucent PA 66-01

PA66

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.014	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	75.8	MPa	ASTM D 638
Elongation at Break	20	%	ASTM D 638
Flexural Modulus	2827	MPa	ASTM D 790
Flexural Strength	110	MPa	ASTM D 790
Izod Impact notched, 1/8 in	42.7	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	85	°C	ASTM D 648
Melting Temperature	257	°C	ASTM D 3418

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

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Applications

General Purpose