

ComAlloy E-17105

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 Break	50	MPa	ASTM D 638
Elongation at Break	48	%	ASTM D 638
Flexural Modulus	2000	MPa	ASTM D 790
Flexural Strength	71	MPa	ASTM D 790
Izod Impact notched, 1/8 in	851	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	176	°C	ASTM D 648
DTUL @ 264 psi	65	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

High impact or impact modified