

ComAlloy E-14270

PA6

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	162	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	11630	MPa	ASTM D 790
Flexural Strength	251	MPa	ASTM D 790
Izod Impact notched, 1/8 in	97	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	225	°C	ASTM D 648
DTUL @ 264 psi	218	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America