

ComAlloy E-13819

PPS

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0052	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	65.1	MPa	ASTM D 638
Tensile Strength at Break	63.9	MPa	ASTM D 638
Flexural Modulus	8822	MPa	ASTM D 790
Flexural Strength	124	MPa	ASTM D 790
Izod Impact notched, 1/8 in	72.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	281	°C	ASTM D 648
DTUL @ 264 psi	232	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1700	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America