

ComAlloy E-17049
(PA66+PTFE+SI)-CF30

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 Break	172	MPa	ASTM D 638
Compressive Strength	117	MPa	ASTM D 695
Flexural Modulus	16000	MPa	ASTM D 790
Flexural Strength	248	MPa	ASTM D 790
Rockwell Hardness	R112	-	ASTM D 785
Izod Impact notched, 1/8 in	64.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	249	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.75	%	ASTM D 570
Density	1350	kg/m ³	ASTM D 792

Characteristics

Processing
Injection Molding

Regional Availability
North America

Additives
Lubricants