

AQUALOY 645

PA66-GF

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	190	MPa	ASTM D 638
Flexural Modulus	9639	MPa	ASTM D 790
Flexural Strength	245	MPa	ASTM D 790
Izod Impact notched, 1/8 in	107	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	252	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1410	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America