

POLYFORT® Aqualoy 145

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mold Shrinkage, TD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	86	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Flexural Modulus	6015	MPa	ASTM D 790
Flexural Strength	108	MPa	ASTM D 790
Izod Impact notched, 1/8 in	66.3	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	158	°C	ASTM D 648
DTUL @ 264 psi	145	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1240	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Features

Chemically Coupled Reinforcement