

VOLOY 461

PBT-GX

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	119	MPa	ASTM D 638
Elongation at Break	2.8	%	ASTM D 638
Flexural Strength	183	MPa	ASTM D 790
Izod Impact notched, 1/8 in	80.1	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	122	°C	ASTM D 648
DTUL @ 264 psi	90	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1630	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Special Characteristics

Flame retardant