

VOLOY 431

PET

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	108	MPa	ASTM D 638
Elongation at Break	4	%	ASTM D 638
Flexural Modulus	9480	MPa	ASTM D 790
Flexural Strength	157	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53.4	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	93.9	°C	ASTM D 648
DTUL @ 264 psi	78.9	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1740	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America