

POLYFLAM® Voloy 112

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.006	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	61	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	6200	MPa	ASTM D 790
Flexural Strength	85	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			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
DTUL @ 66 psi	159	°C	ASTM D 648
DTUL @ 264 psi	136	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1300	kg/m ³	ASTM D 792

Characteristics**Regional Availability**

North America