

Matrixx 36N5006

PBT

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	48.3	MPa	ASTM D 638
Flexural Modulus	1970	MPa	ASTM D 790
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	800	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	107	°C	ASTM D 648
DTUL @ 264 psi	79.4	°C	ASTM D 648
Other properties			
Density	1200	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Regional Availability

North America