

Matrixx 12N5000

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	9.5	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	33.1	MPa	ASTM D 638
Elongation at Yield	17	%	ASTM D 638
Flexural Modulus	1520	MPa	ASTM D 790
Gardner Impact	1.13	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	60	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	96.1	°C	ASTM D 648
Other properties			
Density	940	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Regional Availability

North America

Special Characteristics

Flame retardant