

Matrixx 12N6002N

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	18	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	22.8	MPa	ASTM D 638
Elongation at Yield	13	%	ASTM D 638
Flexural Modulus	1170	MPa	ASTM D 790
Gardner Impact	19.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1	mm	-
Other properties			
Density	938	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	182 - 227	°C	-
Mold temperature	32 - 66	°C	-
Screw speed	20 - 60	rpm	-
Back pressure	<0.689	MPa	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Special Characteristics

Flame retardant

Regional Availability

North America