

Matrixx 14N6002N

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	24.1	MPa	ASTM D 638
Flexural Modulus	1100	MPa	ASTM D 790
Gardner Impact	19.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	110	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	3	mm	-
DTUL @ 66 psi	79.4	°C	ASTM D 648
DTUL @ 264 psi	51.7	°C	ASTM D 648
Other properties			
Density	1000	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	188 - 227	°C	-
Mold temperature	27 - 60	°C	-
Zone 1	182 - 199	°C	-
Zone 2	188 - 216	°C	-
Zone 3	188 - 216	°C	-
Nozzle temperature	188 - 227	°C	-
Back pressure	<0.689	MPa	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

North America

Special Characteristics

Flame retardant