

Matrixx PP3C0

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	26.2	MPa	ASTM D 638
Flexural Modulus	1240	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			
DTUL @ 66 psi	76.7	°C	ASTM D 648
DTUL @ 264 psi	43.3	°C	ASTM D 648
Other properties			
Density	908	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82 - 104	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	193 - 232	°C	-
Mold temperature	21 - 49	°C	-
Zone 1	177 - 232	°C	-
Zone 2	177 - 232	°C	-
Zone 3	177 - 232	°C	-
Back pressure	0.138 - 2.07	MPa	-

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

North America