

Matrixx PP6D0HBYL41

PP

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	17	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	18.5	MPa	ASTM D 638
Flexural Modulus	1100	MPa	ASTM D 790
Gardner Impact	20.2	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	690	J/m	ASTM D 256

Other properties	Value	Unit	Test Standard
Density	898	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
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

Delivery form

Pellets

Special Characteristics

High impact or impact modified

Features

Copolymer

Regional Availability

North America