

Matrixx TPP1B20HBBK

PP-T20

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	10	g/10min	ASTM D 1238
Temperature	230	°C	-
Load	2.16	kg	-
Mold Shrinkage, MD	0.01	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	33.1	MPa	ASTM D 638
Flexural Modulus	2480	MPa	ASTM D 790
Gardner Impact	1.13	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	32	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	118	°C	ASTM D 648
DTUL @ 264 psi	68.3	°C	ASTM D 648
Other properties			
Density	1050	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	82 - 104	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	199 - 227	°C	-
Mold temperature	21 - 49	°C	-
Zone 1	177 - 221	°C	-
Zone 2	177 - 221	°C	-
Zone 3	177 - 221	°C	-
Back pressure	0.138 - 2.07	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets