

**Matrixx TPP1B40BK**

PP-T40

LyondellBasell Industries

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

Mechanical properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
Tensile Strength at Yield	31	MPa	ASTM D 638
Flexural Modulus	3720	MPa	ASTM D 790
Gardner Impact	1.13	J	ASTM D 2794,4226,5420
Izod Impact notched, 1/8 in	27	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
<b>ASTM Data</b>			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	132	°C	ASTM D 648
DTUL @ 264 psi	82.2	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1250	kg/m <sup>3</sup>	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	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, Black