

Matrixx FP63E43

PA6-GF43

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955
Mechanical properties			
ASTM Data			
Tensile Strength at Yield	207	MPa	ASTM D 638
Flexural Modulus	10300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	130	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 66 psi	210	°C	ASTM D 648
DTUL @ 264 psi	202	°C	ASTM D 648
Other properties			
Density	1490	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding			
Pre-drying - Temperature	71 - 93	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.1	%	-
Melt temperature	260 - 293	°C	-
Mold temperature	82 - 93	°C	-
Zone 1	260 - 288	°C	-
Zone 2	260 - 288	°C	-
Zone 3	260 - 288	°C	-
Back pressure	<0.345	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Delivery form

Pellets