

Matrixx F663E13

PA66-GF13

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.0045	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	114	MPa	ASTM D 638
Flexural Modulus	4960	MPa	ASTM D 790
Izod Impact notched, 1/8 in	53	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.5	mm	-
DTUL @ 264 psi	238	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1220	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	71 - 82	°C	-
Pre-drying - Time	4 - 6	h	-
Melt temperature	277 - 299	°C	-
Mold temperature	66 - 93	°C	-
Zone 1	271 - 299	°C	-
Zone 2	271 - 299	°C	-
Zone 3	271 - 299	°C	-
Back pressure	<0.345	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Regional Availability

North America