

Matrixx FP62E30

PA6-GF30

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Break	145	MPa	ASTM D 638
Flexural Modulus	7580	MPa	ASTM D 790
Izod Impact notched, 1/8 in	69	J/m	ASTM D 256
Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 66 psi	215	°C	ASTM D 648
DTUL @ 264 psi	199	°C	ASTM D 648
Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ASTM D 792
Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	71 - 93	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.1	%	-
Melt temperature	249 - 282	°C	-
Mold temperature	82 - 93	°C	-
Zone 1	260 - 282	°C	-
Zone 2	260 - 282	°C	-
Zone 3	260 - 282	°C	-
Back pressure	<0.345	MPa	-

Characteristics**Processing**

Injection Molding

Regional Availability

North America

Chemical Resistance

General Chemical Resistance