

Matrixx 665E0HS

PA66

LyondellBasell Industries

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	44.1	MPa	ASTM D 638
Flexural Modulus	1850	MPa	ASTM D 790
Izod Impact notched, 1/8 in	800	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
DTUL @ 264 psi	70	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1070	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	71 - 82	°C	-
Pre-drying - Time	4	h	-
Melt temperature	271 - 293	°C	-
Mold temperature	52 - 82	°C	-
Zone 1	249 - 293	°C	-
Zone 2	249 - 293	°C	-
Zone 3	249 - 293	°C	-
Back pressure	<0.345	MPa	-

Characteristics**Processing**

Injection Molding

Delivery form

Pellets

Special Characteristics

High impact or impact modified, Heat stabilized or stable to heat

Regional Availability

North America