

Matrixx 30S5451

PBT-GF40

LyondellBasell Industries

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.003	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength at Yield	145	MPa	ASTM D 638
Flexural Modulus	10300	MPa	ASTM D 790
Izod Impact notched, 1/8 in	100	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 @ 66 psi	216	°C	ASTM D 648
DTUL @ 264 psi	204	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1680	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Regional Availability

North America