

Technical Data Sheet

Matrixx 95N5156

Polycarbonate + ABS
LyondellBasell Industries
Engineering Plastics

General

Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.19	1.19 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 Kg)	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8400 psi	57.9 MPa	ASTM D638
Flexural Modulus	340000 psi	2340 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	12 ft·lb/in	640 J/m	ASTM D256
Gardner Impact	> 320 in·lb	> 36.2 J	ASTM D5420

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	225 °F	107 °C	ASTM D648
RTI Elec	140 °F	60.0 °C	UL 746B
RTI Imp	140 °F	60.0 °C	UL 746B
RTI Str	140 °F	60.0 °C	UL 746B

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	V-0	V-0	
0.12 In (3.0 Mm)	5VA	5VA	

Additional Information

The value listed as Mold Shrinkage, ASTM D955, was tested in accordance with Matrixx test methods.

Notes

These are typical property values not to be construed as specification limits.