

Technical Data Sheet

Matrixx 13A3211

Polypropylene Copolymer
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Features	• Flame Retardant		
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.10	1.10 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.0 g/10 min	8.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3900 psi	26.9 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	10 %	ASTM D638
Flexural Modulus	300000 psi	2070 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.3 ft·lb/in	69 J/m	ASTM D256
Gardner Impact	100 in·lb	11.3 J	ASTM D3029
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	220 °F	104 °C	
264 Psi (1.8 Mpa), Unannealed	135 °F	57.2 °C	
RTI Elec	149 °F	65.0 °C	UL 746B
RTI Imp	149 °F	65.0 °C	UL 746B
RTI Str	149 °F	65.0 °C	UL 746B
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	V-2	V-2	
0.12 In (3.0 Mm)	V-2	V-2	

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.