

Technical Data Sheet

Matrixx FPE3A40CC

Polyethylene
LyondellBasell Industries
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 40% Filler by Weight
Features	• Chemically Coupled
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.29	1.29 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8600 psi	59.3 MPa	ASTM D638
Flexural Modulus	740000 psi	5100 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.6 ft·lb/in	85 J/m	ASTM D256

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating (0.06 In (1.5 Mm))	HB	HB	UL 94

Notes

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