

ExxonMobil™ PPU0009F

Polypropylene Impact Copolymer

Product Description

PPU0009F is an unstabilized impact copolymer resin designed for automotive and compounding applications

General

Appearance	▪ Natural Color
Form(s)	▪ Granules
Processing Method	▪ Compounding

Physical	Typical Value (English)	Typical Value (SI)	Test Based On
Melt Mass-Flow Rate (MFR)	14 g/10 min	14 g/10 min	ISO 1133
Density	0.900 g/cm ³	0.900 g/cm ³	ISO 1183

Mechanical	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Modulus	160000 psi	1100 MPa	ISO 527-2

Impact	Typical Value (English)	Typical Value (SI)	Test Based On
Charpy Notched Impact Strength			ISO 179
-4°F (-20°C)	1.4 ft-lb/in ²	3.0 kJ/m ²	
32°F (0°C)	1.9 ft-lb/in ²	4.0 kJ/m ²	
73°F (23°C)	3.8 ft-lb/in ²	8.0 kJ/m ²	

Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Heat Deflection Temperature (1.80 MPa)	122 °F	50.0 °C	ISO 75-2/A

