



# Polyfort GPP20CS70BK-BK FERREXBLK

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

25% P.C.R.

Meets/exceeds Ford Engineering Material Specification WSS-M4D959-A. Primary use is for fuel vapor storage brackets.

### General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Additive	• Heat Stabilizer • Impact Modifier
Features	• Heat Stabilized • Impact Modified
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

## Properties<sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.8	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	3160	psi	ISO 527-2
Flexural Modulus	203000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-40°F	1.6	ft·lb/in <sup>2</sup>	
73°F	4.6	ft·lb/in <sup>2</sup>	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ISO 75-2/B
Deflection Temperature Under Load 264 psi, Unannealed	149	°F	ISO 75-2/A