

# Polyfort CP0436G40CL NATURAL

LyondellBasell Industries - Polypropylene Copolymer

## General Information

### Product Description

Polyfort CP0436G40CL NATURAL is a Polypropylene Copolymer Glass Fiber, 40% filled material.

### General

- |                        |                                     |
|------------------------|-------------------------------------|
| Filler / Reinforcement | • Glass Fiber, 40% Filler by Weight |
| Forms                  | • Pellets                           |

## Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	580000	psi	ASTM D638
Tensile Strength (Yield)	8410	psi	ASTM D638
Tensile Strength (Break)	8270	psi	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	827000	psi	ASTM D790
Flexural Strength	12800	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	3.9	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	91		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	316	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	282	°F	ASTM D648