



Polyfort CP0436G20M10CLA15459BLK

LyondellBasell Industries - Polypropylene Copolymer

General Information

Product Description

Polyfort CP0436G20M10CLA15459BLK is a Polypropylene Copolymer Glass Fiber, 20%, Mineral, 10% filled material.

General

Filler / Reinforcement	<ul style="list-style-type: none"> Glass Fiber, 20% Filler by Weight Mineral, 10% Filler by Weight
Forms	<ul style="list-style-type: none"> Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.10		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	471000	psi	ASTM D638
Tensile Strength (Yield)	5800	psi	ASTM D638
Tensile Strength (Break)	5800	psi	ASTM D638
Tensile Elongation (Yield)	5.0	%	ASTM D638
Tensile Elongation (Break)	9.0	%	ASTM D638
Flexural Modulus	551000	psi	ASTM D790
Flexural Strength	8850	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	2.4	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	72		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	307	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	250	°F	ASTM D648