



Polytrophe GPP20CD11HB-WH FERREXWHI

LyondellBasell Industries - Polypropylene Homopolymer

General Information

Product Description

GPP20CD11HB-WH FERREX is a 20% Calcium Carbonate-Filled Polypropylene Homopolymer

General

Filler / Reinforcement	• Calcium Carbonate, 20% Filler by Weight
Features	• Homopolymer
Appearance	• White
Forms	• Pellets

Properties¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4310	psi	ASTM D638
Flexural Modulus - Tangent	32300	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (73°F)	16	ft-lb/in	ASTM D4812

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	199	°F
Drying Time	2.0 to 3.0	hr
Rear Temperature	390 to 399	°F
Middle Temperature	399 to 410	°F
Front Temperature	410 to 421	°F
Nozzle Temperature	421 to 430	°F
Mold Temperature	115 to 140	°F
Back Pressure	20.0 to 50.0	psi
Screw Speed	100 to 150	rpm
Clamp Tonnage	2.0 to 3.0	tons/in ²