



Polyfort FPP 1512E-31 BLACK

LyondellBasell Industries - Polypropylene

General Information

Product Description

Polyfort FPP 1512E is a 10% Talc-Filled, Low-Flow Polypropylene

General

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|-------------------|---------------------------------|
| Appearance | • Colors Available |
| Processing Method | • Extrusion • Injection Molding |

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.83	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4920	psi	ASTM D638
Flexural Modulus - Secant ²	276000	psi	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	237	°F	ASTM D648

Processing Information

Injection	Nominal Value	Unit
Drying Temperature	176	°F
Drying Time	2.0 to 3.0	hr
Processing (Melt) Temp	428 to 500	°F
Mold Temperature	86 to 140	°F
Injection Rate	Moderate-Fast	

Notes

¹ Typical properties: these are not to be construed as specifications.

² 0.051 in/min