



Polypropylene (PP)

BURPOLEN PP GFR 40 BLACK

Product Description

BURPOLEN PP GFR 40 BLACK is a %40 glass fiber modified polypropylene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	1,20 - 1,26
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	5 - 12
Ash Content (750 °C - 1h)	%	ISO 3451	37 - 43

Mechanical properties

Flexural modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 7500
Flexural Strength (2mm/min) (23°C)	MPa	ISO 178	≥ 42

Impact

Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 7
----------------------------	-------------------	---------	-----

Hardness

Hardness (23°C)	Shore D	ISO 868	≥ 75
-----------------	---------	---------	------

Notes

The properties are typical, non-binding mean values found for injection moulded natural test bars. Pigments and other modifications may alter these values.

Processing Techniques

BURPOLEN PP GFR 40 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
--------	----	----------	------------

Storage

The BURPOLEN® PP GFR 40 BLACK in pellet form is packed in bigbag (1000 Kg).