



Polypropylene (PP)

BURPOLEN H4000 BLACK

Product Description

BURPOLEN H4000 BLACK is a reinforced homopolymer.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	0.90 – 0.97
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	2 - 5
Ash Content	%	ISO 3451	0 - 7

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	20 - 30
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	10 - 15
Flexure modulus (2 mm/min) (23°C)	MPa	ISO 178	1300 - 1700

Impact

Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 3
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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 H4000 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® H4000 BLACK in pellet form is packed in bigbag (1000 Kg).