



Polypropylene (PP)

# BURPOLEN H5003 BLACK

## Product Description

BURPOLEN H5003 BLACK is a reinforced homopolymer.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	0.90 – 0.95
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	≥ 50
Ash Content	%	ISO 3451	0 - 5

## 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	1000 - 1600

## Impact

Notched Izod Impact (23°C)	kJ/m <sup>2</sup>	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 H5003 BLACK is easy to process with standard injection moulding machines.

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

The BURPOLEN® H5003 BLACK in pellet form is packed in bigbag (1000 Kg).