



Polypropylene (PP)

BURPOLEN 45300 BLACK

Product Description

BURPOLEN 45300 BLACK is a reinforced copolymer.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	0.90 - 0.93
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	6 - 9
Ash Content	%	ISO 3451	≤ 2

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	12 - 25
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 35
Tensile modulus (1mm/min) (23°C)	MPa	ISO 178	≥ 800

Impact

Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 30
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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 45300 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® 45300 BLACK in pellet form is packed in bigbag (1000 Kg).