



Polypropylene (PP)

BURPOLEN C3100 BLACK

rev1

Product Description

BURPOLEN C3100 BLACK is a reinforced copolymer.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	0.90 – 0.98
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	6 - 18
Ash Content	%	ISO 3451	0 - 8
Mechanical properties			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	16 - 30
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 30
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	1100 - 1400
Flexural modulus (2mm/min) (23°C)	MPa	ISO 178	900 - 1300
Impact			
Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 15

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 C3100 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® C3100 BLACK in pellet form is packed in bigbag (1000 Kg).