



Polypropylene (PP)

BURPOLEN C8001 UV BLACK

Product Description

BURPOLEN C8001 UV BLACK is a reinforced copolymer.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	≤ 0.95
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	≥ 8
Ash Content	%	ISO 3451	≤ 5

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	≥ 8
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	900 - 1200

Impact

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

HDT (0.45 Mpa)	°C	ISO 75-2	≥ 80
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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 C8001 UV BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® C8001 UV BLACK in pellet form is packed in bigbag (1000 Kg).