



Polypropylene (PP)

BURPOLEN 132005 BLACK

Product Description

BURPOLEN 132005 BLACK is a %20 mineral modified polypropylene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	1.03 - 1.08
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	10 - 15
Ash Content	%	ISO 3451	18 - 22

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	25 - 35
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 5
Flexural modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 2400
Flexural Strength (2mm/min) (23°C)	MPa	ISO 178	30 - 42

Impact

Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 5.5
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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 132005 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® 132005 BLACK in pellet form is packed in bigbag (1000 Kg).