



Polypropylene (PP)

BURPOLEN 0509 MC20 BLACK

Product Description

BURPOLEN 0509 MC20 BLACK is a %20 mineral filled modified polypropylene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	1.06 - 1.10
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	5 - 10
Ash Content	%	ISO 3451	19 - 24

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	20 - 25
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	10 - 15
Flexure modulus (2mm/min) (23°C)	MPa	ISO 178	600 - 1100

Impact

Notched Charpy Impact (23°C)	kJ/m ²	ISO 179	8 - 15
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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 0509 MC20 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN 0509 MC20 BLACK in pellet form is packed in bigbag (1000 Kg).