



Polypropylene (PP)

BURPOLEN 50280 R BLACK

Product Description

BURPOLEN 50280 R BLACK is a %10 mineral modified polypropylene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	0.96 - 1.0
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	10 - 15
Ash Content	%	ISO 3451	10 - 13

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	12 - 15
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 50
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	≥ 1200

Impact

Notched impact strength (Izod)	KJ/m ²	ISO 180/1A	≥ 25
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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 50280 R BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® 50280 R BLACK in pellet form is packed in bigbag (1000 Kg).