

 Polypropylene (PP)  
**BURPOLEN 1020 T1 BLACK – 53180 SR**

### Product Description

BURPOLEN 1020 T1 BLACK – 53180 SR is a %10 mineral modified polypropylene.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	0.97 - 1.00
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	8 - 12
Ash Content	%	ISO 3451	10 - 15
<b>Mechanical properties</b>			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	15 - 20
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	10 - 15
Tensile modulus (2mm/min) (23°C)	MPa	ISO 178	1300 - 1650
<b>Impact</b>			
Notched Izod Impact (23°C)	kJ/m <sup>2</sup>	ISO 180	12 - 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 1020 T1 BLACK – 53180 SR is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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### Storage

The BURPOLEN® 1020 T1 BLACK – 53180 SR in pellet form is packed in bigbag (1000 Kg).