



Polypropylene (PP)

# BURPOLEN 1004 T15 BLACK

## Product Description

BURPOLEN 1004 T15 BLACK is a %15 mineral modified polypropylene.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	0.96 - 1.02
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	≥ 15
Ash Content	%	ISO 3451	13 - 17
<b>Mechanical properties</b>			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	20 - 25
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 10
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	≥ 1700
Flexure modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 1900
Flexure stress (2mm/min) (23°C)	MPa	ISO 178	≥ 30
<b>Impact</b>			
Notched Izod Impact (23°C)	kJ/m <sup>2</sup>	ISO 180	≥ 5
Notched Izod Impact (10°C)	kJ/m <sup>2</sup>	ISO 180	≥ 2.8
Notched Izod Impact (-40°C)	kJ/m <sup>2</sup>	ISO 180	≥ 1.8

## 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 1004 T15 BLACK is easy to process with standard injection moulding machines.

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

The BURPOLEN® 1004 T15 BLACK in pellet form is packed in bigbag (1000 Kg).