



Polypropylene (PP)

# BURPOLEN 0505 C40 KZN GREY

## Product Description

BURPOLEN 0505 C40 KZN GREY is a %40 mineral modified polypropylene.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	1,23 - 1,29
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	5 - 12
Ash Content	%	ISO 3451	39 - 44

## Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	≥ 20
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 5
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	2400 - 3000

## Impact

IZOD Notched Impact Strenght (23°C)	kJ/m <sup>2</sup>	ISO 180	≥ 2.5
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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 0505 C40 KZN GREY is easy to process with standard injection moulding machines.

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

The BURPOLEN® 0505 C40 KZN GREY in pellet form is packed in bigbag (1000 Kg).