



Polypropylene (PP)

# BURPOLEN C405 IM BLACK

## Product Description

BURPOLEN C405 IM BLACK is a reinforced copolymer.

Properties	Unit	Test Method	Value
<b>Physical properties</b>			
Density, (23 °C)	g/cm <sup>3</sup>	ISO 1183	0.91 – 0.975
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	3 - 6
Ash Content	%	ISO 3451	≤ 5
<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	≥ 15
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	800 - 1200
<b>Impact</b>			
Notched Izod Impact (23°C)	kJ/m <sup>2</sup>	ISO 180	≥ 20

## 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 C405 IM BLACK is easy to process with standard injection moulding machines.

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

The BURPOLEN® C405 IM BLACK in pellet form is packed in bigbag (1000 Kg).