

Product Description

BURPOLEN CP FR V2 BLACK is a reinforced copolymer.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	0.91 - 0.95
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	18 - 24
Ash Content	%	ISO 3451	0 - 5
Mechanical properties			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	20 - 30
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 50
Tensile modulus (1mm/min) (23°C)	MPa	ISO 527	1300 - 1500
Impact			
Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 5
Flammability			
Flammability	Class (1.6 mm)	UL-94	V2
Flammability	Class (3.2 mm)	UL-94	V2
Glow wire	° C	EN 60695 - 2 - 1	960
Needle Flame	YES/NO	EN 60695 - 11 - 5	YES

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 CP FR V2 BLACK is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® CP FR V2 BLACK in pellet form is packed in bigbag (1000 Kg).