



Polypropylene (PP)

BURPOLEN 1220 PE TD20 NT

Product Description

BURPOLEN 1220 PE TD20 NT is a %20 mineral modified polypropylene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	1.03 - 1.08
Melt Flow Rate, (230 °C/2.16 kg)	g/10 min	ISO 1133	10 - 15
Ash Content	%	ISO 3451	18 - 23

Mechanical properties

Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	15 - 25
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	15 - 25
Flexural modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 1650
Flexural stress (2mm/min) (23°C)	MPa	ISO 178	≥ 30

Impact

Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 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 1220 PE TD20 NT is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURPOLEN® 1220 PE TD20 NT in pellet form is packed in bigbag (1000 Kg).