



Acrylonitrile butadiene styrene (ABS)
BURTOREN ABS BLACK R30

Product Description

BURTOREN ABS BLACK R30 is a reinforced acrylonitrile butadiene styrene.

Properties	Unit	Test Method	Value
Physical properties			
Density, (23 °C)	g/cm ³	ISO 1183	1.02 - 1.06
Melt Flow Rate, (220 °C/10 kg)	g/10 min	ISO 1133	≥ 42
Mechanical properties			
Tensile Stress at Yield,(50mm/min) (23°C)	MPa	ISO 527	≥ 40
Tensile Strain at Break,(50mm/min) (23°C)	%	ISO 527	≥ 8
Flexure modulus (2mm/min) (23°C)	MPa	ISO 178	≥ 2650
Flexure stress (2mm/min) (23°C)	MPa	ISO 178	≥ 60
Impact			
Notched Izod Impact (23°C)	kJ/m ²	ISO 180	≥ 17

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

BURTOREN ABS BLACK R30 is easy to process with standard injection moulding machines.

Drying	°C	2hr- 4hr	80 – 90 °C
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Storage

The BURTOREN®ABS BLACK R30 in pellet form is packed in bigbag (1000 Kg).