



Acrylonitrile butadiene styrene (ABS)
BURTOREN ABS BLACK R50

Product Description

BURTOREN ABS BLACK R50 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 | ≥ 35 |
| Mechanical properties | | | |
| Tensile Stress at Yield,(50mm/min) (23°C) | MPa | ISO 527 | ≥ 40 |
| Tensile Strain at Break,(50mm/min) (23°C) | % | ISO 527 | ≥ 6 |
| Flexure modulus (2mm/min) (23°C) | MPa | ISO 178 | ≥ 2750 |
| Flexure stress (2mm/min) (23°C) | MPa | ISO 178 | ≥ 65 |
| Impact | | | |
| Notched Izod Impact (23°C) | kJ/m ² | ISO 180 | ≥ 14 |

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 R50 is easy to process with standard injection moulding machines.

| | | | |
|--------|----|----------|------------|
| Drying | °C | 2hr- 4hr | 80 – 90 °C |
|--------|----|----------|------------|

Storage

The BURTOREN®ABS BLACK R50 in pellet form is packed in bigbag (1000 Kg).