



Polypropylene (PP)

BURPOLEN C1040 H-IM BLACK

Product Description

BURPOLEN C1040 H-IM 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 | 7 - 12 |
| Ash Content | % | ISO 3451 | ≤ 5 |

Mechanical properties

| | | | |
|---|-----|---------|------------|
| Tensile Stress at Yield,(50mm/min) (23°C) | MPa | ISO 527 | 17 - 23 |
| Tensile Strain at Break,(50mm/min) (23°C) | % | ISO 527 | ≥ 25 |
| Tensile modulus (1mm/min) (23°C) | MPa | ISO 527 | 750 - 1100 |

Impact

| | | | |
|----------------------------|-------------------|---------|------|
| Notched Izod Impact (23°C) | kJ/m ² | ISO 180 | ≥ 40 |
|----------------------------|-------------------|---------|------|

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 C1040 H-IM BLACK is easy to process with standard injection moulding machines.

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

Storage

The BURPOLEN® C1040 H-IM BLACK in pellet form is packed in bigbag (1000 Kg).