



Polypropylene (PP)

# BURPOLEN 1202 C40 VT BLACK

## Product Description

BURPOLEN 1202 C40 VT BLACK is a %40 mineral modified polypropylene.

| Properties                       | Unit              | Test Method | Value       |
|----------------------------------|-------------------|-------------|-------------|
| <b>Physical properties</b>       |                   |             |             |
| Density, (23 °C)                 | g/cm <sup>3</sup> | ISO 1183    | 1,22 - 1,28 |
| Melt Flow Rate, (230 °C/2.16 kg) | g/10 min          | ISO 1133    | 9 - 15      |
| Ash Content                      | %                 | ISO 3451    | 37 - 43     |

## Mechanical properties

|   |     |         |         |
|---|-----|---------|---------|
| Tensile Stress at Yield,(50mm/min) (23°C) | MPa | ISO 527 | 20 - 25 |
| Tensile Strain at Break,(50mm/min) (23°C) | %   | ISO 527 | ≥ 5     |
| Flexural modulus (2mm/min) (23°C)         | MPa | ISO 178 | ≥ 2400  |
| Flexural stress (2mm/min) (23°C)          | MPa | ISO 178 | ≥ 35    |

## Impact

|                                       |                   |         |       |
|---------------------------------------|-------------------|---------|-------|
| Charpy Notched Impact Strenght (23°C) | kJ/m <sup>2</sup> | ISO 179 | ≥ 2.5 |
|---------------------------------------|-------------------|---------|-------|

## Notes

The properties are typical, non-binding mean values found for injection moulded natural test bars. Pigments and other modifications may alter these values.

## Prosessing Techniques

BURPOLEN 1202 C40 VT BLACK is easy to process with standard injection moulding machines.

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

## Storage

The BURPOLEN® 1202 C40 VT BLACK in pellet form is packed in bigbag (1000 Kg).