



Technical Datasheet

Product: Polypropylene Filled With 25% Talc

Grade: C1PP-25T-B

Product Description:

C1PP-20T-B is a recycled polypropylene filled with 25% talc. This compound has been specifically designed for automotive plastics parts. Its main application is injection molding process.

Applications:

- Automotive plastics parts.
- Electrical goods.

Appearance:

| | |
|--------------|---------|
| Polymer Host | PP |
| Appearance | Granule |
| Color | Black |
| Talc Content | 25% |

Physical and Mechanical Properties:

| Properties | Unit | Value | Standard |
|------------------------------|-------------------|-------|------------|
| MFI (230°C , 2.16 Kg) | g/10min | 8 | ASTM D1238 |
| Specific Gravity | g/cm ³ | 1.08 | ASTM D792 |
| Tensile Strength (50 mm/min) | MPa | 20 | ASTM D638 |
| Flexural Modulus | MPa | 1900 | ASTM D790 |
| Izod Notched Impact Strength | J/m | 50 | ASTM D 256 |

Processing Temperature: The recommended processing temperature is 180 to 220 °C.

Recommendation: It should be degassed properly before using.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C1 Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C1 Polymer Co. make no warranty and liability in connection with any use of this information.