

Technical Data Sheet

APPCOM
Advanced
Polypropylene
Compounds

APPCOM 8383 BK

Modified Polypropylene Compound

Application

Automotive and Household

Characteristics

Medium Impact Strength

Typical Properties for APPCOM 8383 BK

| | PROPERTIES | TEST METHOD | CONDITION | UNIT | VALUE |
|-------------------|--------------------------------|-------------|---------------|-------------------|-----------|
| PHYSICAL | Specific Gravity | ISO 1183 | 23°C | - | 0.92±0.02 |
| | Melt flow Index | ISO 1133 | 230°C/2.16 Kg | g/10 min | 20 |
| MECHANICAL | Tensile Strength @ yield | ISO 527 | 23°C | MPa | 23 |
| | Elongation @ break | ISO 527 | 23°C | % | 20 |
| | Flexural strength | ISO 178 | 23 °C | MPa | 28 |
| | Flexural Modulus | ISO 178 | 23 °C | MPa | 1100 |
| | Notched Charpy Impact Strength | ISO 179 | 23°C | KJ/m ² | 6 |
| THERMAL | HDT @ 0.45 MPa | ISO 75 | - | °C | 95 |

The values shown on the above table are typical values and not intended for specification purpose. Values are taken after 48hrs condition, Room Temperature at 23°C and 50% relative Humidity

- Processing Guidelines:

The injection temperature profile for above grade should be between 170°C to 230°C and the mould temperatures between 30°C to 50°C.

We recommended that the pellet should be dehumidified for 2 hours at 70°C to 80°C to avoid moisture linked problem during processing.

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- Health and Safety:

The material may cause irritation when exposed to naked skin. Person is advised to wear protective gear before handling.

Material should be stored in clean and dry conditions with temperatures below 35°C.

- Packaging – 25 kg packed in woven sacks bag.

- Disclaimer

All the information given by APPL for use of these materials is given in good faith and to the best of our knowledge. The data, information, suggestion contained herein are given purely as guide. APPL does not guarantee the exact replication of the data by users since plastic testing is affected by a number of extraneous factors.