

# CEPLA CT-251

Polypropylene

CEPLA Co., LTD

## Message:

CEPLA CT-251 is a Polypropylene material filled with filler. It is available in Asia Pacific, Europe, or Latin America.

Important attributes of CEPLA CT-251 are:

High Stiffness

Scratch Resistant

Typical application of CEPLA CT-251: Automotive

| General Information    |                           |
|------------------------|---------------------------|
| Filler / Reinforcement | Filler                    |
| Features               | High Stiffness            |
|                        | Scratch Resistant         |
| Uses                   | Automotive Applications   |
|                        | Automotive Interior Parts |

| Physical                                  | Nominal Value | Unit              | Test Method |
|---|---------------|-------------------|-------------|
| Specific Gravity                          | 0.980         | g/cm <sup>3</sup> | ASTM D792   |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 8.0           | g/10 min          | ASTM D1238  |
| Hardness                                  | Nominal Value | Unit              | Test Method |
| Rockwell Hardness (R-Scale)               | 100           |                   | ASTM D785   |
| Mechanical                                | Nominal Value | Unit              | Test Method |
| Tensile Strength (Yield)                  | 34.3          | MPa               | ASTM D638   |
| Flexural Modulus                          | 2940          | MPa               | ASTM D790   |
| Flexural Strength                         | 35.3          | MPa               | ASTM D790   |
| Impact                                    | Nominal Value | Unit              | Test Method |
| Unnotched Izod Impact (23°C)              | 25            | J/m               | ASTM D256   |
| Thermal                                   | Nominal Value | Unit              | Test Method |
| Heat Deflection Temperature               | 135           | °C                | ASTM D648   |

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## Recommended distributors for this material

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