

Product Code: CO30415

Product Type:

CO30415 is a white ABS compound.

Product Description:

This grade contains anti-UV additives and is designed to process in injection molding techniques.

Product Application:

This compound is used in electronic and electrical parts, home appliance such washing machine & etc.

Product Properties:

| Property | Test Method | Test Condition | Value | Unit |
|-------------------------|----------------|------------------|---------------------|----------|
| Melt Flow Index | ASTM D 1238-10 | (220 C°, 10 kg) | 22 ± 2 | gr/10min |
| Pellet size | BCS METHOD | (25 °C) | 30-40 | Pieces/g |
| Moisture Content | ASTM D789 | (105 C°, 1 hr) | max 0.2 | % |
| Tensile Strength | ASTM D 638 | (50mm/min) | 42± 2 | MPa |
| Tensile strain at Break | ASTM D 638 | (50mm/min) | 12± 1 | % |
| Izod Impact strength | ASTM D 256 | Notched at 23 C° | 210± 10 | J/m |
| CIE96 L*a*b* | ASTM D 2244 | Standard Sample | $\Delta E \leq 0.5$ | - |

Processing Conditions:

The following injection molding conditions are recommended starting point for CO30415:

| Rear Temp (°c) | Center Temp (°c) | Front Temp (°c) | Nozzle Temp (°c) |
|----------------|------------------|-----------------|------------------|
| 210 | 220 | 220 | 220 |

Product Packaging & Storage:

The packing is 25KG per bag, laminated moisture proof woven bag. Keep the product in cool & dry place. Away from the direct sunlight, high temperature and rain pour.

All mentioned information in this paper are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any data given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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