

Rotochem-MD955W

DESCRIPTION

Rotochem 0955W is a specialized white color plastic compound designed for rotational molding applications. It is a compound of linear medium density polyethylene copolymer grade with a narrow molecular weight distribution with TiO_2 that possesses a range of beneficial characteristics. Rotochem is an ideal choice for manufacturers who require a reliable and durable material that can withstand harsh environmental conditions. Whether utilized in industrial or consumer applications, this plastic material is a suitable choice for those seeking consistent and stable materials.

| Properties | Test method | Unit | Typical Value |
|-------------------------------|----------------|----------------------|---------------|
| MFI (190°C /2.16 kg) | ASTM D 1238-7 | (g/10min) | 3.5±0.5 |
| Density | ASTM D1505-68 | (kg/m ³) | 0.937-0.945 |
| Titanium crystal type | - | - | Rutile type |
| TiO ₂ content | - | (%) | 2 |
| Moisture content | - | (ppm) | ≤1500 |
| Vicat softening point | ASTM D1525 | | 115 |
| Tensile strength @ yield | ASTM D638 - 72 | MPa | 15 |
| Elongation @ break | ASTM D638 | % | >700 |
| Flexural modulus | ASTM D790 | MPa | 650 |
| Hardness | ASTM D2240 | Shore D | 65 |
| ESCR (IGEPAL 10%) (F50, 50°C) | ASTM D1693 | HR | 200 |

ADVANTAGE

Rotochem exhibit a number of advantageous features, including excellent dispersion, exceptional impact strength, superior internal and external surface finish, optimal whiteness, reliable resistance to stress cracking, and efficient UV stabilization.

PACKAGING

Rotochem is supplied in powder form packed in 20 kg bags.

STORAGE AND HANDLING

Rotochem should be stored to prevent direct sunlight and/or heat exposure. The storage area should also be dry and preferably not exceed 50°C; Bad storage conditions may lead to quality deterioration and product performance. It is advisable to process Rotochem within 18 months after delivery.

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