

Technical Data Sheet
CIC PLAST® HDPE PE100 VIRGIN



Description:

PE100 VIRGIN is black compound high density polyethylene specially designed for pressure pipe applications. It delivers exceptional processing performance.

Applications:

Drinking water and gas pipes, pressure pipe systems, thick wall pipes, discharge pipes, sewer pipes and their fittings.

Physical properties:

| PROPERTY | STANDARD | UNIT | VALUE |
|-----------------------------|----------|-------------------|-------------|
| Specific density at 23°C | ISO 1183 | g/cm ³ | 0.95-0.96 |
| MFI (190 °C, 5 kg) | ISO 1133 | g/10min | 0.25 (±25%) |
| Tensile stress at yield | ISO 527 | MPa | 22-24 |
| Thermal stability OIT 200°C | EN 728 | Min. | > 20 min |
| Carbon black content | ISO 6964 | wt. % | Average=2.5 |

Storage: To be stored indoor at room temperature, dry condition and away from source of heat, ignition.

Handling: Please do not use hook for material handling.

Packing: 25 kg bag, Suitable for export standard.

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CIC PLAST® is the Supplier and Exporter of Polymeric Raw Materials in the region. Important investments in manpower, training and equipment over the last years has already resulted in Substantial increase in sales and the elimination of quality issues and now CIC PLAST® is the leader in supplying of the Polymeric Raw Materials to the globe.