

General Information

Description

- ◆ MF5000 is manufactured to be processed in flat yarn for tarpaulin by CSTR Slurry process technology.
- ◆ MF5000 is ideally suited for use in monofilament application.
- ◆ MF5000 offers good stretching, spinning, high strength property and melting stability.

Additives

- ◆ Antioxidant

Applications

- ◆ Monofilament for Rope and Net, etc.

Physical Properties¹

| Properties | Test Method | Nominal Value | |
|-------------------------------|-------------|---------------|-----------------------------|
| Melt Index, at 190°C/2.16kg | ASTM D 1238 | 0.95 | g/10min |
| Density | ASTM D 1505 | 0.954 | g/cm ³ |
| Tensile Strength at Break | ASTM D 638 | 320 | kg/cm ² 31.4 MPa |
| Elongation at Break | ASTM D 638 | > 500 | % |
| Flexural Modulus | ASTM D 790 | 10,000 | kg/cm ² |
| Rockwell Hardness | ASTM D 785 | 50 | R |
| IZOD Impact Strength, at 23°C | ASTM D 256 | 20 | kg·cm/cm |
| VICAT Softening Point | ASTM D 1525 | 124 | °C |
| Heat Distortion Temp | ASTM D 648 | 74 | °C |

Note

ISO 9001, 14001, /ITS 16949

¹ Physical Properties : these are not to be construed as specifications

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