

General Information

Description

- ◆ 5000ST is manufactured to be processed in flat yarn for tarpaulin by CSTR Slurry process technology.
- ◆ 5000ST is manufactured by Bi-modal design of molecular composition
- ◆ 5000ST offers good stretching, spinning, high strength property and melting stability.

Additives

- ◆ Antioxidant

Applications

- ◆ Flat Yarn for Tarpaulin etc

Physical Properties¹

Properties	Test Method	Nominal Value	
Melt Index, at 190°C/2.16kg	ASTM D 1238	0.75	g/10min
Density	ASTM D 1505	0.954	g/cm ³
Tensile Strength at Break	ASTM D 638	300	kg/cm ² 29.4 MPa
Elongation at Break	ASTM D 638	> 500	%
Flexural Modulus	ASTM D 790	9,000	kg/cm ²
Rockwell Hardness	ASTM D 785	50	R
IZOD Impact Strength, at 23°C	ASTM D 256	17	kg·cm/cm
VICAT Softening Point	ASTM D 1525	124	°C

Note

ISO 9001, 14001, /ITS 16949

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

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