

General Information

Description

- ◆ 5000SU is manufactured to be processed in monofilament and flat yarn for tarpaulin by CSTR Slurry process technology.
- ◆ 5000SU offers high strength, good melting stability, good spinning, good stretching and excellent processability

Additives

- ◆ Antioxidant

Applications

- ◆ Monofilament for Rope and Net, etc.
- ◆ Flat Yarn for Tarpaulin, 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	125	°C
Heat Distortion Temp	ASTM D 648	74	°C

Note

ISO 9001, 14001, /TS 16949

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