PRODUCT DATA SHEET

HD5000S

HD5000S is a HDPE grade specially designed for monofilament applications, which combines good processability with high tenacity. This grade has good balance of mechanical strength and high production rates. HD5000S is also well suited for multiply applications, like ropes and stretched filaments.

Jamlene: HD5000S

Characteristic Properties

- good processability with high tenacity
- Good balance of Mechanical strength and high production rates

Density: 0.950 - 0.956

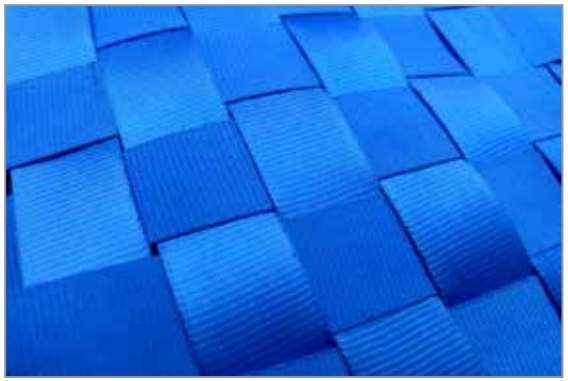
Main Applications

- Fishing net, Rope
- Agricultural net, Tarpaulin
- Woven sack.

MFI: 0.7 - 0.9

Additives

- Antioxidants/Acid scavenger
- Processing aid

Material properties *(This data are typical values and are not to be construed as product specifications.)*

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.8	D1238
Density	g/cm³	0.953	D1505
Thermal Properties	Unit	Value	Test Method
Vicat Softening Point	°C	125	D1525
Molded Properties	Unit	Value	Test Method
Flectural Modulus	MPa	1100	D790
Tensile Strength at Yield	MPa	24	D790
Tensile Strength at Break	Mpa	39	D638
H.D.T	°C	75	D648
Notched Izod Impact @ 23 °C	J/m	400	D256/A