

Technical Data Sheet

HD 5000S

High Density Polyethylene

HD-5000S is a HDPE grade Specially desined for monofilament applications, which combines good processability with high tenacity. This grade has good balance of mechanical strength and high production rates. HD-5000S is also well suited for multiply applications, like ropes and stretched filaments.

Application:

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

Properties	Value	Unit	Test Method
Melt Index	0.8	G/10 min	D1238
Density	0.954	g/cm3	D1505
Vicat Softening Point	125	°C	D1525
Flectural Modulus	1100	Mpa	D790
Tensile Strenght at yield	24	Mpa	D790
Tensile Strenght at Break	39	Mpa	D638
H.D.T	75	°C	A648
Notched izod impact @ 23°C	400	J/m	D256/A