



Technical Datasheet HD-5000S

1) Product Description:

HD-5000S 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. HD-5000S is also well suited for multiply applications, like ropes and stretched filaments.

2) Applications:

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

3) Typical data:

PROPERTY	TEST Cond.	UNIT	TYPICAL VALUE*
Melt Index	D1238	g/10 min	0.8
Density	D1505	g/cm ³	0.954
Vicat Softening Point	D1525	°C	125
Flectural Modulus	D790	Mpa	1100
Tensile Strenght at Yield	D790	Mpa	24
Tensile Strenght at Break	D638	Mpa	39
H.D.T	D648	°C	75
Notched Izod Impact @ 23 °C	D256/A	J/m	400

* Typical values not to be construed as specifications.