



OILENCE
Oil & Gas Supply

Product: HDPE, HD5000S

Density: 0.950 - 0.956

Characteristic Properties:

Good processability with high tenacity

Good balance of Mechanical strength and high production rates

Main Applications:

Fishing net, Rope

Agricultural net, Tarpaulin

Additives:

Antioxidants/Acid scavenger

Processing aid

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	0.8	D1238
Density	g/cm ³	0.953	D1505
Thermal Properties			
Vicat Softening Point	°C	125	D1525
Molded Properties			
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

Processing Conditions


Recommended barrel temperatures range is between 200 °C and 260°C

29th Floor, Al Saqer Business Tower, Sheikh Zayed Road, Dubai, UAE

 (+971) 45281400

 (+971) 557413294

 info@oilence.com

 www.oilence.com



HANiS