

Jamlene HD-5000S

HDPE for Monofilament



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.

Typical Application

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

JAM PETROCHEMICAL COMPANY
P.O. Box : 75391-415,
Special Pars Economic Enegy Zone,
Assalouyeh, Islamic Republic of Iran
Tel: 0098 772 7323221
Fax: 0098 772 7323311
Customer Technical Support
Tel: 0098 772 7323074
Tel: 0098 21 886026490
Fax: 0098 772 7323311
Website: www.jpcomplex.com



Rev. 00

Resin Properties	Unit	Value	Test Method
Melt Index	g/10 min	0.8	D1238
Density	g/cm ³	0.954	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 Strenght at Yield	Mpa	24	D790
Tensile Strenght at Break	Mpa	39	D638
H.D.T	°C	75	D648
Notched Izod Impact @ 23 °C	J/m	400	D256/A

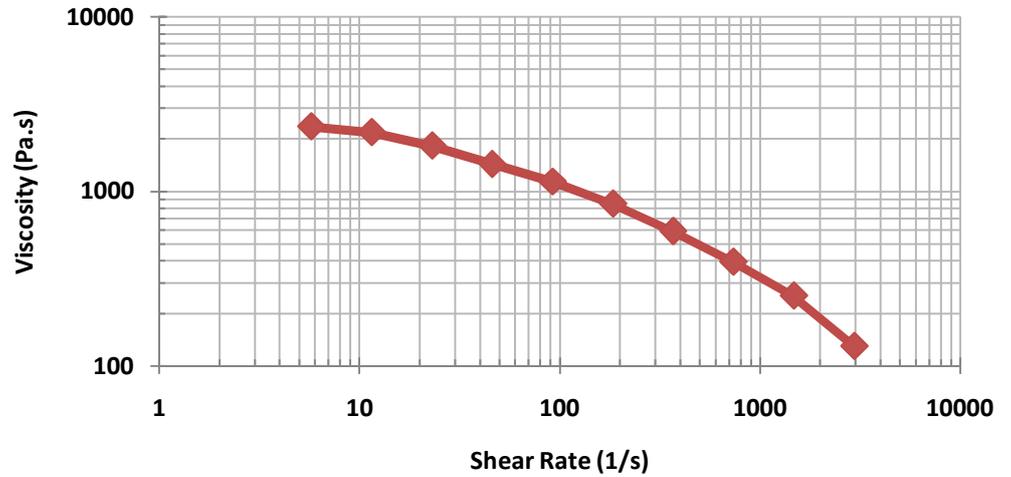
- On compression molded according to ASTM D1928C

Processing Conditions

Recommended barrel tempratures range is between 160 °C and 190 °C

The technical information suggested uses and application presented are believed to be accurate and reliable, however JPC makes no warranties either express or implied concerning the information herein or the use of our materials.

Shear-Viscosity @ 190 °C



Storage and Handling

Polyethylene products (in pelletized or powder form) should not be stored in direct sunshine and/or heat radiation. The Storage area should be dry and preferably don't exceed 50 °C. JPC would not responsible about quality diminishing such as color change, bad smell or est. which caused by bad storage conditions. It is better to process PE resin within 6 months after delivery.