Technical Data Sheet

Product Description

HD-5000S is a High Density Polyethylene manufactured by ST slurry process. HD-5000S is recommended for: yarns / monofilament for Fabrics / Tarpaulin, Nets, Twines & Ropes

Features

Very good processability

Good mechanical strength

Typical Properties

No.	Resin Properties	Test Method	Unit	Typical value
1	MFR(2.16kg,190℃)	GB/T 3682.1-2018	g/10min	1
2	Density	GB/T 1033.2-2010	g/cm³	0.9507
3	Tensile Stress@Yield	GB/T 1040.2-2022	MPa	24.8
4	Nominal Tensile Strain@Break	GB/T 1040.2-2022	%	920

Note: The values listed above are typical values for reference purpose only and shall not be construed as specifications

Product package

The net weight of each bag is 25kg.

Product transportation

HDPE resin is a non-hazardous goods. Throwing and using sharp tools like hook is strictly forbidden during transportation. Vehicles should be kept clean and dry. it must not be mixed with sand, crushed metal, coal and glass, or toxic, corrosive or flammable materials in transportation. It is strictly forbidden to be exposed to the sun or rain.

Product storage

This product should be stored in a well ventilated, dry, clean warehouse with effective fire protection facilities. It should be kept far away from heat sources and direct sunlight. The storage is strictly prohibited in open air. A rule of storage should be followed. The storage period is not more than 12 months since the date of production.