

HDPE [5000S]

Major Characteristics	Application
Good spinning and stretching High strength and Melting stability	Monofilament for rope and net

Properties	Test Method	Unit	5000S
Melt Flow Rate 190℃	ASTM D-1238	g/10min	0.80
Density	ASTM D-1505	g/cm ³	0.954
Softening Point	ASTM D-1525	℃	125
Tensile Strength at Yield	ASTM D-638	kg/cm ²	270
Ultimate Elongation	ASTM D-638	%	>500
Heat Distortion Temperature(4.6kg/cm ²)	ASTM D-648	℃	74
Flexural Modulus of Elasticity	ASTM D-790	kg/cm ²	10,000
Hardness(Rockwell)	ASTM D-785	R	50
IZOD Impact Strength (23℃)	ASTM D-256	kg·cm/cm	20

※Above data are not the spec of products, but only for reference