

TECHNICAL DATA SHEET



烟台龙义兴高分子材料有限公司
Longyixing Chemicals Co., Ltd

✉ www.ilongchem.com

🌐 sales@ytlyx.com

Description

400 Kt/a polyethylene unit adopts Hostalen slurry process of LyondellBasell Company and use ultra- high activity catalyst. The performance and stability of the product are ensured by adjusting the ratio of ethylene to comonomer in the circulating gas and the type of catalyst.

Application Direction

Mono-filaments made of Hostalen GF 7750 M2 exhibit excellent tensile strength and high elongation at break. Typical customer applications are ropes and yarns for nets, geotextiles and protective netting in agriculture and building industry.

Product Packaging

In 25kg bag, 26-28MT in one 40HQ

Typical Characteristic

PROPERTIES	UNITS	TYPICAL VALUE	TEST METHOD
Density	g/m ³	0.948	GB/T1033.2-2010
Melt Flow Rate(190°C/5kg)	g/10min	0.25	GB/T 3682.1-2018
Tensile stress at yield	MPa	22.1	GB/T 1040.2-2006
Tensile Elongation at Break	%	807	GB/T 1043.1-2008
Charpy Impact Strength-Notched (23°C)	KJ/m ²	33	GB/T 9341
Flexural modulus(Ef)	MPa	1000	GB/T 1040.2-2006
Oxidation Induction Time(210°C,A1)	Min	53.8	GB/T 19466
Rapid Crack Propagation(RCP, S4)	Bar	≥10	ISO 13477