

KOREA PETROCHEMICAL IND.CO.,LTD

HDPE **E308**
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Classification : HDPE Yarn grade
 Attributes : Good Stretch, High Tenacity
 Applications : Fishing Nets, Ropes, Insect Nets

Documents & Certificates

Spec Sheet :  [kpic_spec_E308_en.pdf](#)
 MSDS :  [kpic_msds_E308_en\(1\).pdf](#)
 FDA :  [FDA Request](#)
 RoHS :  [kpic_RoHS_E308_20090416.PDF](#)

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	0.85	g/10min.	ASTM D1238
Density	0.956	g/cm ³	ASTM D1505
Mold Shrinkage	1.5~2.5	%	KPIC Method
Water Absorption	<0.01	%	ASTM D570
Tensile Strength at Yield	250	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	9,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	46	R Scale	ASTM D785
Impact Strength (Izod with Notch)	>50	kg _f cm/cm	ASTM D256
Melting Point	134	°C	ASTM D3418
Softening Point (Vicat)	123	°C	ASTM D1525
Heat Deflection Temperature	69	°C	ASTM D648
Brittleness Temperature	< -70	°C	ASTM D746
The values given above should only be used as a guide and should not be considered as a specification or guarantee. The values are dependent on part geometry and fabrication conditions.			