

 KOREA PETROCHEMICAL IND.CO.,LTDHDPE **M830** print  close

Classification : HDPE Injection grade
Attributes : High Stiffness, Impact Resistance
Applications : Industrial Parts, General Articles, Containers

Documents & Certificates

Spec Sheet :  kpic_spec_M830_en.pdf
MSDS :  kpic_msds_M830_en(1).pdf
FDA :  FDA Request
RoHS :  kpic_RoHS_M830_20060725.pdf

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	2.8	g/10min.	ASTM D1238
Density	0.962	g/cm ³	ASTM D1505
Mold Shrinkage	1.5~2.5	%	KPIC Method
Tensile Strength at Yield	280	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	12,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	54	R Scale	ASTM D785
Impact Strength (Izod with Notch)	20	kg _f cm/cm	ASTM D256
Melting Point	135	°C	ASTM D3418
Softening Point (Vicat)	125	°C	ASTM D1525
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.			