

M850

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 **KOREA PETROCHEMICAL IND.CO.,LTD**

HDPE **M850**
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Classification : HDPE Injection grade

Attributes : High Stiffness, Impact Resistance

Applications : Industrial Materials, General Articles, Containers

Documents & Certificates

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	4.7	g/10min.	ASTM D1238
Density	0.965	g/cm ³	ASTM D1505
Mold Shrinkage	1.5~2.5	%	KPIC Method
Tensile Strength at Yield	280	kgf/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	13,000	kgf/cm ²	ASTM D790
Hardness (Rockwell)	56	R Scale	ASTM D785
Impact Strength (Izod with Notch)	10	kgf cm/cm	ASTM D256
Melting Point	135	°C	ASTM D3418
Softening Point (Vicat)	126	°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.