



**License Grade Code**  
**HD- 7000F**

1) Product Description :  
" 7000" F is a high density polyethylene

2) Application:  
• Enhanced ultra thin film.

3) Typical Data

PROPERTY	TEST	UNIT	TYPICAL VALUE*
Density (23 °C)	ISO 1183	$\text{g}/\text{c}_m^3$	0.952
Melt Flow Rate (190 °C/2.16kg)	ASTM D 1238	g/10min	0.04
Melt Flow Rate (190 °C/21.6 kg)	ASTM D 1238	g/10min	---
Stress at Yield Point	ASTM D 638	$\text{Kg}/\text{c}_m^2$	250
Stress at Break	ASTM D 638	$\text{Kg}/\text{c}_m^2$	390
Elongation at Break	ASTM D 638	%	Above 500
Izod Impact	ASTM D 256	kg.cm/cm	30
Stress Cracking Resistance	ASTM D 1693	hr	Above 600
Melting Point	ASTM D 2117	°C	131

\*Typical Values: not to be construed as specifications.

**Producer: Mehr Petrochemical Co.**  
**Licensor: Mitsui**  
**Packing: 25 kg Plastic Bag**