



PHOENIX

LAND
INTERNATIONAL
TRADING

Technical Datasheet

- **Grade Name:** HDPE F7000
- **Categories:** Polymer, Thermoplastic, Polyethylene, High Density Polyethylene
- **Processing Methods:** Blown Film
- **Applications:** Film, Enhanced ultra thin Film

Physical Properties			
Properties	Value	Unit	Test Method
MFI(190°C/2.16 KG)	0.04	g/10min	ISO 1133
Density	0.952	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Elongation at break	>500	%	ISO 527-1, 2
Shore Hardness	64	D Scale	ISO 868
Tensile Stress at Yield	250	Kg/cm ²	ASTM D638
Tensile Stress at Break	390	Kg/cm ²	ASTM D638
Stress Cracking Resistance	>600	hr	ASTM 1693
Izod Impact	30	Kg.cm/cm	ASTM D256
Thermal Properties			
Vicat softening Temperature	124	C°	ISO 306
Melting Point	131	°C	ASTM D2117

Typical Properties: These values are not to be considered as product specifications.

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