

Halene H HD T6

High Density Polyethylene
Haldia Petrochemicals Ltd.

Message:

HD T6 is a general-purpose extrusion & lamination film HDPE produced by the Mitsui CX Technology.
HD T6 can be used for Lamination films, Woven sacks and Tarpaulin.
This grade is characterized by good processability and mechanical strength.

General Information			
Features	Workability, good		
	Good strength		
Uses	Laminate		
	General		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.961	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Compression Molded)	65		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, molding	28.0	MPa	ASTM D638
Fracture, molding ²	38.0	MPa	ASTM D638
Tensile Elongation (Break, Compression Molded)	> 1000	%	ASTM D638
Flexural Modulus (Compression Molded)	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Compression Molded)	250	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	131	°C	ASTM D3418
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	200 - 240	°C	
Cylinder Zone 2 Temp.	200 - 240	°C	
Cylinder Zone 3 Temp.	200 - 240	°C	
Cylinder Zone 4 Temp.	200 - 240	°C	
Cylinder Zone 5 Temp.	200 - 240	°C	

Die Temperature	220 - 240	°C
Extrusion instructions		
Quench Temperature: 25°C		
NOTE		
1.	23°C	
2.	50 mm/min	

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