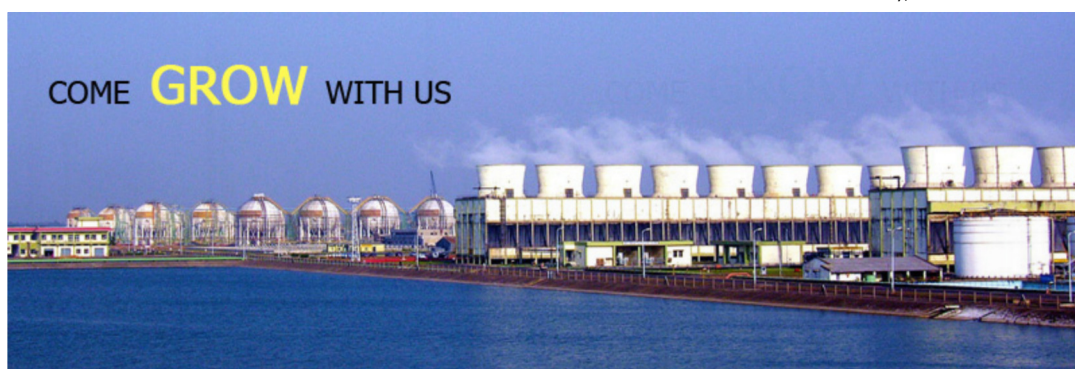




## Welcome to Haldia Petrochemicals Limited


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Saturday, 20th June 2020

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### Products / Polymers / Polyethylene



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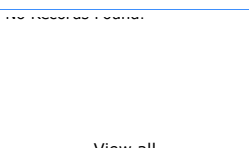
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#### NEWSROOM

In the eyes of press

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## POLYETHYLENE

Haldia Petrochemicals Limited is the second largest manufacturer of polyethylene in India with a total capacity of over 7, 00,000 tonnes per annum. It caters to more than 70% of the demand in eastern India and 15% on overall country basis. The product portfolio under polyethylene segment consists of various grades of High Density Polyethylene (HDPE) and Linear Low Density Polyethylene (LLDPE).

HPL manufactures a wide range of HDPE grades having narrow, medium & broad (bi-modal) molecular weight distribution using Mitsui Slurry CX Process to suit a wide range of end uses

HPL also manufactures various grades of LLDPE in the swing LLDPE plant using Spherilene Gas Phase Swing Process from Basell, Netherlands. The LLDPE plant is the 3rd such plant worldwide using above technology and is used for manufacturing of various HDPE grades too.

These products from HPL are of benchmark quality, meeting the highest international standards and are used extensively by packaging, consumer durables, houseware, automobiles, furniture, container or luggage manufacturers in India and abroad. Due to superior quality, HPL products are in demand in various countries from EU, South East Asia, USA etc. HPL products are exported to more than 20 countries in the world.

### HDPE LLDPE


**Technology Partner** – Mitsui, Japan

**End Uses:** Woven sacks; raschel bags for fruits & vegetables; containers for packaging edible oil, processed food, FMCG, lubricants, detergents, chemicals, pesticides; industrial crates & containers; carrier bags; houseware; ropes & twines; pipes for water supply, irrigation; process industry & telecom.

Major grades under HDPE are

Category	Grade	MFI	Density	Major Applications	Datasheet	MSDS
Film	F5400	0.09	0.954	General purpose film, Thin reinforced carry bags	<a href="#">F5400.pdf</a>	HD.pdf
	HD T6	0.50	0.961	Lamination films, woven sacks and tarpaulin	<a href="#">HD T6.pdf</a>	
Raffia	R5801	0.50	0.961	Stretched tape/raffia for woven sacks and tarpaulin	<a href="#">R5801.pdf</a>	
	Y5401	0.80	0.954	Stretch Tape / Raffia / Yarn for Woven Sacks and Tarpaulin	<a href="#">Y5401.pdf</a>	
Blow Molding	B5500	0.35(I <sub>5</sub> )	0.956	Medium to large bulk containers for chemicals, detergents or lube oil	<a href="#">B5500.pdf</a>	
	B6401	0.40	0.964	Containers for lubricants and edible oil (up to 20 L)	<a href="#">B6401.pdf</a>	
	E5201	0.35	0.952	High ESCR blow-molding, cable sheathing and jacketing, lamination and general purpose film, extrusion applications	<a href="#">E5201.pdf</a>	
	E5201S	0.35	0.958	General purpose blow-molding applications	<a href="#">E5201S.pdf</a>	
Pipe	P5300	0.25(I <sub>5</sub> )	0.948	High pressure pipe applications	<a href="#">P5300.pdf</a>	
	P5200	0.80(I <sub>5</sub> )	0.948	Pipes (PE 63) - Pressure pipes for Drinking Water, Irrigation	<a href="#">P5200.pdf</a>	

	P5200UV	0.80(I <sub>5</sub> )	0.948	Telecom ducts, Pressure pipes (PE 63) for Drinking Water, Irrigation – UV Stabilised	<a href="#">P5200UV.pdf</a>
	P5100	0.50(I <sub>5</sub> )	0.948	PE 80 compliant pressure pipes	<a href="#">P5100.pdf</a>
<b>Injection Molding</b>	M5818	19.0	0.956	General purpose injection molding	<a href="#">M5818.pdf</a>

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Technology Partner -Basell

Category	Grade	MFI	Density	Major Applications	Datasheet	MSDS
<b>Monofilament</b>	HD T10	1.1	0.950	Monofilament for net, twines and ropes	<a href="#">HD T10.pdf</a>	HD.pdf
	HD T10S	1.1	0.950	Monofilament for net, twines and ropes	<a href="#">HD T10S.pdf</a>	
<b>Raffia</b>	HD T9	1.1	0.950	Stretched tape/raffia for woven sacks and tarpaulin	<a href="#">HD T9.pdf</a>	
<b>Film</b>	F5001	1.1	0.950	Blending resin in HDPE packaging film	<a href="#">F5001.pdf</a>	
<b>Blow Molding</b>	B6001L	0.5	0.960	Blow molded containers (up to 20L)for edible oil, lubricants	<a href="#">B6001L.pdf</a>	
<b>Pipe</b>	P4600L	1.1(I <sub>5</sub> )	0.946	Pipes (PE 63) - Pressure pipes for Drinking Water, Irrigation	<a href="#">P4600L.pdf</a>	
<b>Injection Molding</b>	M5002L	2.5	0.950	Molded caps & closure application	<a href="#">M5002L.pdf</a>	
	M5005L	4.5	0.950	Injection molding of heavy duty crates and industrial products	<a href="#">M5005L.pdf</a>	
	M6007L	7.5	0.950	Injection molding of heavy duty crates and industrial products	<a href="#">M6007L.pdf</a>	
	M6007LU	7.5	0.950	Injection molding of heavy duty crates and industrial products with UV Stabilization	<a href="#">M6007LU.pdf</a>	
	M5018L	19.0	0.950	General purpose injection molded applications	<a href="#">M5018L.pdf</a>	
	M5025L	30.0	0.950	General purpose injection molded applications	<a href="#">M5025L.pdf</a>	

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