

POLYETHYLENE (PE)

INDORAMA-Nigeria operates world class manufacturing facilities at Port Harcourt, Rivers state, that produces world class Polyethylene, Polypropylene, and Urea fertilizer. Indorama's petrochemicals plant is West Africa's lone petrochemicals manufacturing setup, while the fertilizer plant is the largest sub-Saharan Urea production facility.

Indorama Eleme Petrochemicals Limited (IEPL) produces a range of High Density Polyethylene (HDPE) grades for shopping bags, jars & containers, caps & closures, pipes, twined ropes, woven sacks & tarpaulins, crates, pallets applications, and Linear Low Density Polyethylene (LLDPE) for high strength blown film for liners, pure water rolls, laminates, overhead tanks, and masterbatch applications. These grades are manufactured using "SCLAIRTECH" solution polymerization process of DU Pont, Canada (now Nova Chemicals).

HDPE GRADES			LLDPE GRADES		
SECTOR	GRADE	Mfi (g/10min)	SECTOR	GRADE	Mfi (g/10min)
FILM	HFW00346	0.3	FILM BLOWN	NGL010FS	1.0
BLOW MOULDING	HBG00356	0.3		NGL010FG	1.0
INJECTION MOULDING	NGH003IG	0.3	FILM CAST	NGL020FS	2.0
	NGH070IU	7.0		NGL020FG	2.0
	NGH200IG	19.0		NGL028FG	2.8
PIPE	HPG00340	0.3	ROTO MOULDING	NGL045RU	4.4
RAFFIA	HEG00952	0.3	INJECTION MOULDING	NGL300IG	30.0

PACKAGING: INDORAMA grades are available in natural colour pellets form, in a packing of 25 Kg PP woven bags.



Disclaimer: The data, information and suggestions given herein are purely a guide. IEPL undertakes no responsibility either for the results derived from their adoption or for possible positions in apparent contrast with existing patent rights. The information contained and/or data given are subject to change based on the R&D work undertaken by the company.

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POLYPROPYLENE (PP)

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Indorama Eleme Petrochemicals Limited (IEPL) produces range of Polypropylene (PP) grades using Spheripol process from M/s Lyondell Basell Industries. We produce two broad categories of polypropylene grades, Polypropylene Homopolymer (PPHP), and Polypropylene Copolymer (PPCP). Our PP grades exhibit good processability along with desired mechanical, thermal and optical properties.

These grades are suitable for varied applications viz. woven sacks, BOPP film, Cast film, syringes, fiber and filaments, crates, housewares, paint pails, and furniture. A combination of MFI, designated additives and varied Impact / Stiffness balance properties determine the end applications.

PPHP GRADES			PPCP GRADES		
SECTOR	GRADE	Mfi (g/10min)	SECTOR	GRADE	Mfi (g/10min)
RAFFIA	HPRG030	3.0	INJECTION MOULDING	NGC040IU	4.0
BOPP	NGP034S	3.4		NGC120I	12.0
INJECTION MOULDING	HPIG110	11.0		NGC250I	25.0
	NGP400I	40.0		NGC400I	40.0
	NGP400IZ	40.0		NGC500I	50.0
LAMINATION	NGP250L	25.0		NGC700I	70.0

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