



PETRONAS

PETRONAS ETILINAS CHROM HDPE BLOW MOULDING

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH

PETRONAS ETILINAS CHROM HDPE BLOW MOULDING

is a high molecular weight unimodal polyethylene resin with either 1-butene or 1-hexene comonomer. The grades are produced from INNOVENE gas phase fluidised bed reactor technology with the Chromium-based catalyst system. It is suitable for blow moulding applications producing small to medium sized bottles.

Offers high productivity, durability and aesthetic.

Grades

SEGMENT	GRADES	MFR ₅ (g/10min)	MFR _{21.6} (g/10min)	DENSITY (kg/m ³)	APPLICATIONS
Blow Moulding	HD5201AA	0.45	10	949	Jerrycans, industrial and household chemical containers
	HD5403AA	1.3	25	952	Small and medium sized bottles for personal care, lubricants, detergents, toiletries, pharmaceuticals

Key Benefits

PRODUCTS	KEY BENEFITS	COMPARISON
Small Bottle	<p>HD5403AA is designed for small and medium sized bottle applications with the following advantages:</p> <ul style="list-style-type: none"> • Good processability • High rigidity and stackability • Excellent bottle appearance • High productivity with less down time for die cleaning 	<p>HD5403AA Competitive HDPE</p>
Medium Bottle	<p>HD5201AA is designed for wide range of bottles and jerrycans with the following advantages:</p> <ul style="list-style-type: none"> • Good processability • High Environmental Stress Crack Resistance (ESCR) • High rigidity and stackability • High drop impact strength 	

Product Applications

Liquid Detergent Bottle	Pharmaceutical Bottle	Jerrycan	Lubricant Bottle