



PETRONAS

PETRONAS ETILINAS TRIMOD HDPE BLOW MOULDING

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH

PETRONAS ETILINAS TRIMOD HDPE BLOW MOULDING

is a high molecular weight multi-modal resin with 1-butene copolymer. The grades are produced using state of the art, latest generation Hostalen ACP slurry process technology with the newest proprietary catalyst system. It is suitable for blow moulding applications of various sizes.

Delivers
complete solutions
for your rigid
packaging needs.

Grades

SEGMENTS	GRADES	MFR ₅ (g/10min)	MFR _{21.6} (g/10min)	DENSITY (kg/m ³)	APPLICATIONS
Large	AMT5431B	-	2.5	954	L-Ring drums and open top drums for dangerous goods, UN rated containers
Medium	AMT5331B	-	6.5	952	Large jerrycans and open top drums for industrial and household chemicals
	AMT5531B	0.1	9.5	952	Jerrycans and medium sized bottles for industrial and household chemicals
Small	AMT5231B	1.2	19	950	Small and medium sized bottles for personal care, lubricants, detergents, toiletries, pharmaceuticals
	AMT5831B	1.2	22	958	Thin wall bottle of small and medium sized bottles for personal care, lubricants, detergents, toiletries, pharmaceuticals

Key Benefits

PRODUCTS	KEY BENEFITS	COMPARISON
Small & Medium Bottle	<p>AMT5831B, AMT5231B and AMT5531B were designed for small and medium sized bottle applications with the following advantages:</p> <ul style="list-style-type: none"> • High toughness • Superior rigidity with potential downgauging • Excellent Environmental Stress Crack Resistance (ESCR) • Good organoleptic properties • Excellent product stability against oxidation • Lower processing temperature 	<p>Legend: AMT5831B (solid green line), AMT5231B (dotted green line), Competitive HDPE Unimodal (dashed red line).</p>
Large Bottle & Drum	<p>AMT5331B and AMT5431B are designed for large blow moulding drum containers with the following advantages:</p> <ul style="list-style-type: none"> • Excellent hydrostatic pressure resistance with potential thickness reduction • Superior impact strength • Excellent rigidity • Excellent thermal oxidation stability • Good Environmental Stress Crack Resistance (ESCR) • Good chemical resistance properties 	<p>Legend: AMT5431B (solid green line), AMT5331B (dotted green line), Competitive HDPE Unimodal (dashed red line).</p>

Product Applications

Liquid Detergent Bottle	Jerrycan	L-Ring Drum	Pharmaceutical Bottle	Lubricant Bottle	Open Top Drum