



PETRONAS



PETRONAS ETILINAS ALFATENE LLDPE C6

PETRONAS CHEMICALS GROUP BERHAD
CHEMISTRY FOR GROWTH



PETRONAS ETILINAS ALFATENE LLDPE C6

is a linear low density polyethylene with 1-hexene comonomer. The grades are produced using the latest generation INNOVENE™ G advanced gas phase reactor technology with the proprietary INEOS catalyst system. The main markets served are various blown film, cast film and superior rotational moulding applications.

Offers enhanced performance from LLDPE.

Grades

SEGMENTS	GRADES	MFR (g/10min)	UNIT (kg/m ³)	SLIP/AB	UV	APPLICATIONS
Cast Film	LL6130AA	3.0	920	-	-	Cast stretch films
	LL6220AA	2.0	921	-	-	Core layer, stretch films
Blown Film	LL6209AA	0.9	920	-	-	Heavy-duty sacks, food packaging, agriculture films, refuse sacks
	LL6209SA	0.9	920	Y	-	Heavy-duty sacks, liners, food packaging
Rotational Moulding	LL6840UA	3.8	938	-	Y	Indoor & outdoor rotomoulded

Key Benefits

PRODUCTS	KEY BENEFITS	COMPARISON
Blown Film	<p>They are designed to be used neat or in blends and offer the following advantages:</p> <ul style="list-style-type: none"> • Good dart impact resistance • Good tear resistance • Easy processing • Low gel level • Good sealability 	<p>LL6209AA Blown Film</p> <p>Comp LLDPE-C6</p>
Cast Film	<ul style="list-style-type: none"> • Low neck in • High stretchability • Easy processing • Excellent optical properties • Good puncture resistance • Good tear resistance • Low gel level 	<p>Rotational Moulding</p> <ul style="list-style-type: none"> • Good impact resistance • High Environmental Stress Cracking Resistance (ESCR) • Smooth external and internal surface finish • Easy to demould • High UV stability

Product Applications



Stretch Film



Water Tank



Recreation



Heavy-duty Bag