



# PETRONAS ETILINAS TRIMOD HDPE BLOWN FILM

PETRONAS CHEMICALS GROUP BERHAD  
CHEMISTRY FOR GROWTH



## PETRONAS ETILINAS TRIMOD HDPE BLOWN FILM

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. The product's superiority makes it suitable for high speed blown film processing with excellent mechanical properties. Typical applications for these grades include heavy-duty flexible packaging, merchandise bags and food packaging.

Faster,  
thinner, and  
stronger.

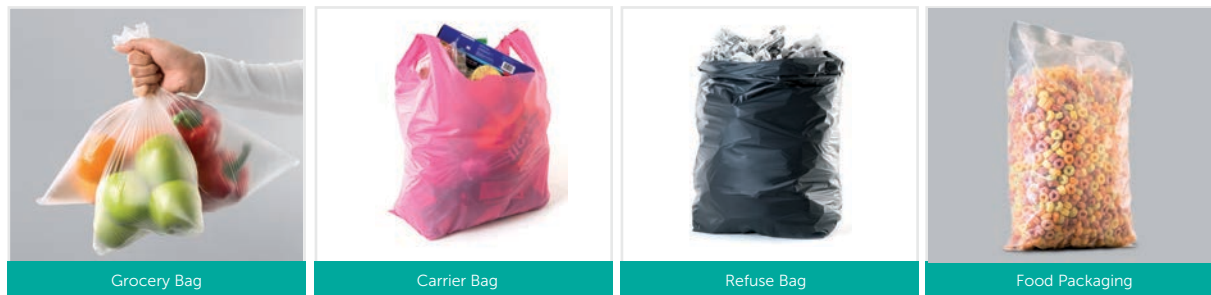
### Product Properties

SEGMENT	GRADES	MFR <sub>5</sub> (g/10min)	MFR <sub>21.6</sub> (g/10min)	DENSITY (kg/m <sup>3</sup> )	APPLICATIONS
Blown Film	AMT9255F	0.4	12.0	957	High speed and extra thin films for food packaging, carrier bags, merchandise bags and heavy-duty flexible packaging
	AMT9254F	0.3	8.8	954	High speed and thin films for food packaging, carrier bags, merchandise bags and heavy-duty flexible packaging

### Key Benefits

PRODUCT	KEY BENEFITS	COMPARISON
Blown Film	<p>AMT9255F and AMT9254F are designed for high speed blown film applications with the following advantages:</p> <ul style="list-style-type: none"> <li>• High speed production</li> <li>• Excellent rigidity potential for thickness downgauging</li> <li>• Excellent dart impact properties</li> <li>• Excellent tear resistance</li> <li>• Lower processing temperature</li> </ul>	<p>The radar chart compares three materials: AMT9254F (solid blue line), AMT9255F (solid red line), and Bimodal HDPE (dashed green line). The metrics are: Processability (0-100), Resistance to degradation (0-100), MD Elmendorf tear strength (0-100), Film Toughness (0-100), and Film rigidity (0-100). AMT9255F consistently scores higher than the other two materials across all metrics.</p>

### Product Applications



Grocery Bag

Carrier Bag

Refuse Bag

Food Packaging