

# ADVANCED PRODUCT DATA SHEET



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**PETRONAS**

MFR 12

Density 957

**ETILINAS TRIMOD AMT9255F**

## High Density Polyethylene for Blown Film

### DESCRIPTION

ETILINAS TRIMOD AMT9255F is a high density polyethylene resin which possesses an outstanding combination of stiffness and impact performance.

It can be processed on blown film lines at high output rates with excellent bubble stability, very low gel levels and homogenous appearance which converters and end-users require for high quality thin and thick film production.

It can enable the production of films with a very broad conversion window, good lay flat properties and excellent roll configuration. Typical applications are lamination and release films, artificial paper, labels, bags and heavy duty packaging.

### CHARACTERISTICS include:

- Multimodal HDPE
- Very high stiffness
- Good dart drop resistance
- Excellent processing and bubble stability

### APPLICATIONS include:

- High stiffness Blown Film with paper like quality
- Carrier bags, counter bags, wrapping film

Product Properties	Test Method	Units	Value
Density (23°C, base resin)	ISO 1183-1/A	g/cm <sup>3</sup>	0.957
Melt Flow Rate 190/5	ISO 1133	g/10 min	0.4
Melt Flow Rate 190/21.6	ISO 1133	g/10 min	12
FFR (MFR 21.6kg/MFR 5kg)	ISO 1133	-	30
Dart Drop Impact	ASTM D 1709	g	≥ 210

### Typical Processing Conditions

Recommended melt temperature on processing: 180-230°C

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### AVAILABILITY

ETILINAS TRIMOD AMT9255F is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

### STORAGE/HANDLING

ETILINAS TRIMOD AMT9255F should be properly stored in well ventilated environment at a temperature of below 50°C. Prolonged or improper storage can result in deterioration of product properties. The PETRONAS Chemicals Safety Data Sheet (SDS) contains important safety information and should be viewed before using the product.

### HEALTH & SAFETY

ETILINAS TRIMOD AMT9255F is not classified as a dangerous preparation. Please refer to our Safety Data Sheet (SDS) for details on various aspects of safety, recovery and disposal of the product.

### PRODUCT STEWARDSHIP

PETRONAS aims to increase awareness of all the hazards associated with the storage, handling and use of its products. Thoroughly reviewing the accompanying Safety Data Sheets and disseminating the information to all dependent and interested parties is an essential part of any 'Responsible Care' programme.

### RELATED DOCUMENTS

The following related documents are available on request, and represent various aspects on the usability, safety, recovery and disposal of the product.

- Safety Data Sheet (SDS)
- Statement on chemicals, regulations and standards

### FOR MORE INFORMATION

Please contact **PETRONAS Chemicals Group Berhad (PCGB)**, Level 34, Tower 1, PETRONAS TWIN TOWER, KLCC, 50088 KUALA LUMPUR, MALAYSIA.

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