

ADVANCED PRODUCT DATA SHEET



PETRONAS

MFR 3.3

Density 955 **ETILINAS TRIMOD AMT7255M**

High Density Polyethylene for Injection Moulding

DESCRIPTION

ETILINAS TRIMOD AMT7255M is a high density polyethylene resin used in general injection moulding applications such as pallets and dust bins. It is available in pellet form, and exhibits high ESCR, good impact resistance, flowability and low warpage.

CHARACTERISTICS include:

- High stiffness

APPLICATIONS include:

- All-purpose injection moulding

Product Properties	Test Method	Units	Value
Density (23°C, base resin)	ISO 1183-1/A	g/cm ³	0.955
Melt Flow Rate 190/2.16	ISO 1133	g/10 min	3.3
Melt Flow Rate 190/5	ISO 1133	g/10 min	11
Tens. Mod. (23°C, v = 1mm/min, Sec.)	ISO 527-2	MPa	1200
Charpy Impact Strength (-30°C, notched)	ISO 179-1/1eA	kJ/m ²	>3.5

Typical Processing Conditions

Recommended melt temperature on processing: 200-260°C

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AVAILABILITY

ETILINAS TRIMOD AMT7255M is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

STORAGE/HANDLING

ETILINAS TRIMOD AMT7255M 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 AMT7255M 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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