

PRODUCT DATA SHEET



MFR 1.8

Density 948 **ETILINAS TRIMOD AMT7740R**

High Density Polyethylene for Tapes

DESCRIPTION

ETILINAS TRIMOD AMT7740R is a high-density polyethylene (HDPE) grade which possesses a medium molecular weight. It contains standard stabilisation additive package. This grade is suitable to be processed on extrusion to produce tapes, monofilament and blown film for geotextile and agriculture applications.

CHARACTERISTICS include:

- Very good tensile strength and elongation at break
- Low tendency to fibrillation

APPLICATIONS include:

- Protective netting in agriculture and building industry
- Round bale nets
- Raffia / Tapes / Strapping

Product Properties	Test Method	Units	Value
Physical			
Melt Flow Rate @ 5.0 kg	ISO 1133	g/10 min	1.8
Melt Flow Rate @ 21.6 kg	ISO 1133	g/10 min	23
Density	ISO 1183	g/cm ³	0.948
Mechanical			
Tensile Strength @ Yield	ISO 527-2	MPa	24
Tensile Modulus	ISO 527-2	MPa	1000
Thermal			
Peak Melting Point	ISO 3146	°C	130

Notes: The above are typical data representing the product; not to be construed as analysis certificate or specifications. User should confirm results by their own tests.

Typical Processing Conditions

ETILINAS TRIMOD AMT7740R can be processed on most standard film conversion equipment designed for HDPE. Optimisation may be required depending on the exact end use requirement. Melt temperature in the range of 180-230°C are typically used.

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AVAILABILITY

ETILINAS TRIMOD AMT7740R is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

STORAGE/HANDLING

ETILINAS TRIMOD AMT7740R should be properly stored in well ventilated environment at a temperature of below 40°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 AMT7740R 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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