

# ADVANCED PRODUCT DATA SHEET



**PETRONAS**

MFR 1.8

Density 900

## PROPELINAS HOMOPOLYMER H456HY

### Polypropylene Homopolymer

#### DESCRIPTION

PROPELINAS HOMOPOLYMER H456HY is a polypropylene homopolymer used for extrusion and thermoforming applications. It is formulated with a low water-carry-over additive package. Typical applications are strapping, sheets, monofilaments and tapes.

#### CHARACTERISTICS include:

- Homopolymer

#### APPLICATIONS include:

- Raffia/Tapes/Strapping

Product Properties	Test Method	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	1.8
Flexural Modulus	ISO 178	MPa	1400
Tensile Stress at Yield	ISO 527	MPa	34

### Typical Processing Conditions

N/A

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### AVAILABILITY

PROPELINAS HOMOPOLYMER H456HY is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

### STORAGE/HANDLING

PROPELINAS HOMOPOLYMER H456HY 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

PROPELINAS HOMOPOLYMER H456HY 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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