

ADVANCED PRODUCT DATA SHEET



MFR 4

Density 900 **PROPELINAS COPOLYMER B300KG**

Polypropylene Impact Copolymer

DESCRIPTION

PROPELINAS COPOLYMER B300KG is a low fluidity impact copolymer suitable for injection moulding applications. The product exhibits very high impact strength even at low temperature combined with a good stiffness. It is typically used by customers in a wide range of applications including houseware items and crates.

This grade is not intended for medical and pharmaceutical applications.

CHARACTERISTICS include:

- Low flow
- Medium impact resistance
- Medium stiffness

APPLICATIONS include:

- Caps & closures
- Containers
- Housewares
- Sport, leisure & toys

Product Properties	Test Method	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	4
Tensile Modulus	ISO 527	MPa	1200
Tensile Stress at Yield	ISO 527	MPa	27
Charpy Impact Strength—Notched: (23°C, Type 1, Edgewise, Notch A)	ISO 179	kJ/m ²	13
(-20°C, Type 1, Edgewise, Notch A)	ISO 179	kJ/m ²	4.5

Typical Processing Conditions

N/A

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AVAILABILITY

PROPELINAS COPOLYMER B300KG is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

STORAGE/HANDLING

PROPELINAS COPOLYMER B300KG 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 COPOLYMER B300KG 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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