

# ADVANCED PRODUCT DATA SHEET



MFR 11

Density 900 **PROPELINAS COPOLYMER R340NG**

## Polypropylene Random Copolymer

### DESCRIPTION

PROPELINAS COPOLYMER R340NG is a polypropylene random copolymer with medium melt flow rate for usage in injection moulding applications. It is nucleated, for improved productivity and very good optical properties (transparency and brilliance). It has an organoleptic profile to meet the demanding requirements of the food industry.

Typically used in caps and closures, housewares and rigid packaging items.  
This grade is not intended for medical and pharmaceutical applications.

### CHARACTERISTICS include:

- High transparency
- Medium stiffness
- Nucleated
- Random copolymer

### APPLICATIONS include:

- Caps & closures
- Clear containers
- Housewares
- Sports, leisure & toys

Product Properties	Test Method	Units	Value
Melt Flow Rate (230°C/2.16 kg)	ISO 1133	g/10 min	11
Flexural Modulus	ISO 178	MPa	1000
Tensile Stress at Yield	ISO 527	MPa	26.5
Izod Notched at 23°C min (*)	ISO 180/1A	kJ/m <sup>2</sup>	5

(\*) Injection moulding procedure for specimen as per ISO 180/1A

### Typical Processing Conditions

N/A

# ADVANCED PRODUCT DATA SHEET



MFR 11

Density 900 **PROPELINAS COPOLYMER R340NG**

## Polypropylene Random Copolymer

### AVAILABILITY

PROPELINAS COPOLYMER R340NG is available in 25kg bag and bulk bag. The product type and batch number are clearly marked on each bag.

### STORAGE/HANDLING

PROPELINAS COPOLYMER R340NG 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 R340NG 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.

Tel: +(603) 2051 5000 Fax: +(603) 2051 1501 or visit our website [www.petronaschemicals.com](http://www.petronaschemicals.com)

### IMPORTANT NOTICE

Information contained in this document is accurate and reliable to the best of the knowledge and belief of PETRONAS Chemicals Group Berhad (PCGB). The suggestions and recommendations offered herein serve as a guide in the use of these materials, and cannot be guaranteed because the conditions of use are beyond PCGB's control. PCGB assumes no responsibility for the use of information supplied, the application, adaptation or processing of the products described herein and here by disclaims all liability (except as otherwise provided by the law) in regard to such use.