

ADVANCED PRODUCT DATA SHEET

PDS No: PREFCHEM PPC PDS/H500NG/A001/2018

Issue Date: 15 October 2018



Polypropylene Homopolymer PRefChem H500NG PCML: H500NG

Homopolymer used for general purpose injection moulding applications. It exhibits good flow and stiffness. Suitable for food contact.

Character

- Medium Flow
- Medium Stiffness

Applications

- Furniture
- Housewares

Fabrication

- Compounding
- Injection Blow Moulding

Specifications

Property	Unit	Value	Test Method
Melt Flow Rate (230 °C/2.16 kg)	g/10 min	12	ISO 1133
Flexural Modulus	MPa	1300	ISO 178
Tensile Stress at Yield	MPa	32	ISO 527
Izod Notched at 23°C min(*)	kJ/m ²	2.5	ISO 180/1A

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

This product data sheet is given based on PRefChem's knowledge of this product as of 4 October 2018 as advanced product information being provisional in nature. The information may change as a result of production and testing upon production. This product data sheet is given in a good faith without any express or implied representation of the end usage of the products. It is expected that user(s) throughout the value chain may use this product in combination with products of other manufacturer(s), henceforth PRefChem accepts no responsibility or liability for results obtained by the application of this information or the safety and suitability of these products, either alone or in combination with other products. Therefore they are advised to make their own tests at their own costs to determine the safety and suitability of each such product combination for their own purposes. Unless otherwise agreed in writing, PRefChem sells these products without warranty, and user(s) throughout the value chain assume all responsibility and liability including associated third party claims for loss or damage arising from the handling and use of products, whether used alone or in combination with other products.

Pengerang Petrochemical Company Sdn. Bhd. (1128864-H)

(formerly known as PRPC Polymers Sdn. Bhd.)

Level 38, Vista Tower, The Intermark, 348, Jalan Tun Razak, 50400 Kuala Lumpur, Malaysia
T: +(603) 2858 3418 F: +(603) 2858 2249 www.prefchem.com