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TECHNICAL DATA SHEET

Type:	Random Copolymer
Product Name:	Propilco 45R60CD *

Description: PROPILCO 45R60CD is a polypropylene with excellent optical and mechanical properties.

Characteristics: Good Transparence. Process stable. Good impact resistance.

Recommended for: Transparent containers. Rigid containers of thin walls.

Property	English Units	SI Units	ASTM Test
Melt Flow (230 °C-2.16 Kg)	45 g/10 min.	45 g/10 min.	D 1238 00 B
Tensile yield strength (50 mm/min.)	4100 psi	28 Mpa	D 638 01
Tensile yield elongation (50 mm/min.)	13 %	13 %	D 638 01
Flexural modulus 1% secant (1.3 mm/min.)	170000 psi	1171 MPa	D 790 00 1A
Notched Izod Impact strength (73 °F/23 °C)	0.90 ft-lb/in	48 J/m	D 256 00 A
Gardner impact strength (73°F/23°C)	210 in-lb	23 J	D 5420 98 A

Values shown are averages not to be interpreted as product specifications. These values may shift as additional data are accumulated. @ Type I specimen, 3.2 mm thick injected according with ASTM D 4101 00 method.

IMPORTANT: The information contained herein corresponds to typical values and should be considered as a guide in the behavior and applicability of our resins. In view of the many factors that may affect processing and application, these data do not relieve processors from the responsibility of carrying out their own tests and experiments, neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws are observed. PROPILCO declines all responsibility that may arise directly or indirectly, from the use of such information nor do we offer any warranty or immunity against patent infringement.

NOTICE REGARDING MEDICAL APPLICATIONS RESTRICTIONS: PROPILCO S.A. do not recommend any of its products or sample products for use in (A) in any commercial or development applications which is intended for contact with human internal body fluids or body tissues, regardless of the length of time involved. (B) In any cardiac prosthetic device applications, regardless of the length of time involved, including without limitation, pacemaker leads and devices, artificial hearts, heart valves, intra-aortic balloons and control systems and ventricular bypass assisted devices. (C) As a critical component in any medical device that supports or sustains human life: and (D) specifically by pregnant women or in any applications designed specifically to promote or interfere with human reproductions.

Recommendations before using Propilco's products: We suggest when using Propilco's products for the first time, making test in the appropriate industrial quantities to examine the possibilities of using our products in all stages of your processing.

* It has clarify and mold release additive

NOTE: Food contact articles or articles which will be subjected to any kind of treatment such as sterilization and ozonization, a FDA certificate to Propilco's Application and Development department must be requested.

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Date: January of 2004

Rev: 1