



PRODUCT DATASHEET

For more information and technical assistance contact Phillips 66 COPYLENE® Polypropylene at www.COPYLENE.com.

COPYLENE® CH200LN-02

Homopolymer

Applications:

- Caps & Closures
- Sports
- Leisure and Toys
- Housewares
- Food Containers

Product Description

- COPYLENE® CH200LN-02 is a polypropylene homopolymer resin nucleated for faster crystallization with antistatic properties and it is made with non-phthalate technology

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	20 g/10 min
Density – Specific Gravity	ASTM D 792	0.9 sp. gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5,550 psi 38 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	270,000 psi 1,862 MPa.
Tensile Elongation @Yld	ASTM D 638	7%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 ft-lb/in 42 J/m
Hardness		
Rockwell Hardness (R-Scale)	ASTM D 785	90
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	118 °C

For regulatory compliance information, see COPYLENE® CH200LN-02 Product Stewardship Information Sheet. MSDS available upon request, or on our Web site at www.COPYLENE.com. The product specifications are nominal properties and do not reflect normal testing variance and should not be used for specification purposes.

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