COPYLENE®

PRODUCT DATASHEET

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

COPYLENE® CH020-01

Homopolymer

Applications:

- Bags & Pouches
- Barrier Film
- Surface Protection Film
- Film Wrap
- Lamination Film
- Twist Wrap Film
- Peelable Film
- Food Packaging Film

Product Description

- COPYLENE® CH020-01 is a polypropylene homopolymer resin designed for BOPP (biaxially oriented polypropylene) film extrusion applications and is made with non-phthalate technology

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	2.0 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	 5,000 psi 34.5 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	 215,000 psi 1,483 MPa.
Tensile Elongation @Yld	ASTM D 638	12 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	 1.0 ft-lb/in 53 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	93 °C

For regulatory compliance information, see COPYLENE® CH020-01 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.

Revision Date January 2025

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