



PRODUCT DATASHEET

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

COPYLENE® CH020XK

Homopolymer

Applications:

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

Product Description

COPYLENE® CH020XK is a polypropylene homopolymer made with a non-phthalate catalyst. It is designed for BOPP (biaxially oriented polypropylene) film extrusion applications with high crystallinity. 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	2.2 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	5,200 psi 35.8 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	255,000 psi 1,758 MPa.
Tensile Elongation @Yld	ASTM D 638	8 %
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	100 °C

For regulatory compliance information, see COPYLENE® CH020XK 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 March 2020



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