

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at [www.COPYLENE.com](http://www.COPYLENE.com).

## COPYLENE™ CH020

Polypropylene, Homopolymer

**Applications**

- Bags & Pouches
- Raffia/Tapes/Strapping
- Peelable Film
- Film Wrap
- Food Packaging Film
- Lamination Film
- Twist Wrap Film
- Surface Protection Film
- Barrier Film

**Product Description**

- COPYLENE™ CH020 is a polypropylene homopolymer resin designed for BOPP (biaxially oriented polypropylene) film extrusion applications.

**Product Properties**

Typical Properties	Method	Value Unit
<b>Physical</b>		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	2.00 g/10 min
Density – Specific Gravity	ASTM D 792	0.902 sp gr
<b>Mechanical</b>		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	4800 psi 33.1 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	210000 psi 1450 MPa
Tensile Elongation @Yld	ASTM D 638	12%
<b>Impact</b>		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 ft-lb/in 43.0 J/m
<b>Thermal</b>		
DTUL @66psi – Unannealed	ASTM D 648	93 °C

For regulatory compliance information, see COPYLENE™ CH020 Product Stewardship Information Sheet. MSDS available upon request, or on our Web site at [www.COPYLENE.com](http://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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