

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at www.COPYLENE.com.

COPYLENE™ CH020-03

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™ CH020-03 is a polypropylene homopolymer resin designed for BOPP (biaxially oriented polypropylene) film extrusion applications.

Product Properties

Typical Properties	Method	Value Unit
Physical		
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
Mechanical		
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%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.8 ft-lb/in 43.0 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	93 °C

For regulatory compliance information, see COPYLENE™ CH020-03 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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