

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 | 11 % |
| 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 | 90 °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.

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