

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

COPYLENE™ CH034

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™ CH034, a polypropylene homopolymer resin, is designed for the production of biaxially oriented polypropylene films (BOPP). Potential uses include metalized film applications, (either directly or as core layer of coextruded film), other BOPP packaging films, and Solid Phase Thermoforming sheet. The material contains standard processing stabilization but does not contain any slip or antiblocking agents and is Calcium Stearate free. COPYLENE™ CH034 offers good optical properties, easy processing and a very good film profile.

Product Properties

| Typical Properties | Method | Value Unit |
|---|-------------|----------------------|
| Physical | | |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 3.40 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 |
| Tensile Elongation @Yld | ASTM D 638 | 12% |

For regulatory compliance information, see COPYLENE™ CH034 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 June 2011



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