

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

COPYLENE® CR350CL

Random Copolymer

Applications:

- Containers
- Closures
- Housewares
- USP application

Product Description

- COPYLENE® CR350CL is a reactor grade, high flow random copolymer with anti-stat for good mold release in injection molding applications. It is made with a non-phthalate catalyst.

Product Properties

| Typical Properties | Method | Value Unit |
|---|-------------|--------------------------|
| Physical | | |
| Melt Flow Rate (230°C/2.16kg) | ASTM D 1238 | 35 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 | 4,000 psi 27.6 MPa |
| Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A) | ASTM D 790 | 150,000 psi 1,034 MPa |
| Tensile Elongation @Yld | ASTM D 638 | 14 % |
| Impact | | |
| Notched izod impact (73 °F, Method A) (23 °C, Method A) | ASTM D 256 | 1.2 ft-lb/in 63 J/m |
| Thermal | | |
| DTUL @66psi – Unannealed | ASTM D 648 | 70 °C |

For regulatory compliance information, see COPYLENE® CR350LN 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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