



## PRODUCT DATASHEET

For more information and technical assistance contact Phillips 66 COPYLENE® Polypropylene at [www.COPYLENE.com](http://www.COPYLENE.com).

### COPYLENE® CR750CLS

Random Copolymer

#### Applications:

- Housewares

#### Product Description

- COPYLENE® CR750CLS is a clarified random copolymer specially designed and formulated for clear injection molding applications and is formulated with anti-stat and lube for excellent mold release and material handling. It is made with non-phthalate technology

#### Product Properties

| Typical Properties                                                                              | Method      | Value Unit              |
|-------------------------------------------------------------------------------------------------|-------------|-------------------------|
| <b>Physical</b>                                                                                 |             |                         |
| Melt Flow Rate (230°C/2.16kg)                                                                   | ASTM D 1238 | 80 g/10 min             |
| Density – Specific Gravity                                                                      | ASTM D 792  | 0.9 sp. gr              |
| <b>Mechanical</b>                                                                               |             |                         |
| Tensile Strength @ Yield<br>(2 in/min)<br>(50 mm/min)                                           | ASTM D 638  | 3,850 psi<br>26.5 MPa.  |
| Flexural Modulus<br>(0.05 in/min, 1% Secant, Procedure A)<br>(1 mm/min, 1% Secant, Procedure A) | ASTM D 790  | 141,000 psi<br>972 MPa. |
| Tensile Elongation @Yld                                                                         | ASTM D 638  | 14 %                    |
| <b>Impact</b>                                                                                   |             |                         |
| Notched izod impact<br>(73 °F, Method A)<br>(23 °C, Method A)                                   | ASTM D 256  | 1.0 ft-lb/in<br>53 J/m  |
| <b>Thermal</b>                                                                                  |             |                         |
| DTUL @66psi – Unannealed                                                                        | ASTM D 648  | 68 °C                   |
| <b>Optical</b>                                                                                  |             |                         |
| Haze, 40 mil plaque                                                                             | ASTM D003   | 7%                      |

For regulatory compliance information, see COPYLENE® CR750CLS 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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