

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

## COPYLENE™ CH080V

Polypropylene, Homopolymer

### Applications:

- Filament Yarn

### Product Description

- COPYLENE™ CH080V is a polypropylene homopolymer resin designed for fiber spinning applications.

### Product Properties

Typical Properties	Method	Value Unit
<b>Physical</b>		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	8.0 g/10 min
Density – Specific Gravity	ASTM D 792	0.902 sp gr
<b>Mechanical</b>		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5000 psi 34.5 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	9%
<b>Impact</b>		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.5 ft-lb/in 26.6 J/m
<b>Thermal</b>		
DTUL @66psi – Unannealed	ASTM D 648	97 °C

For regulatory compliance information, see COPYLENE™ CH080V 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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