

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

## COPYLENE™ CH043EW

Polypropylene, Homopolymer

**Applications:**

- Raffia/Tapes/Strapping

**Product Description**

- COPYLENE™ CH043EW is a medium flow polypropylene homopolymer resin suitable for general injection molding or extrusion applications.

**Product Properties**

Typical Properties	Method	Value Unit
<b>Physical</b>		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	4.30 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	5300 psi 36.5 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	230000 psi 1590 MPa
Tensile Elongation @Yld	ASTM D 638	11%
<b>Impact</b>		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	0.7 ft-lb/in 37.4 J/m
<b>Hardness</b>		
Rockwell Hardness (R-Scale)	ASTM D 785	90
<b>Thermal</b>		
DTUL @66psi – Unannealed	ASTM D 648	104 °C

For regulatory compliance information, see COPYLENE™ CH043EW 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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