



PRODUCT DATASHEET

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

COPYLENE® CH014

Homopolymer

Applications:

- Raffia
- Tapes
- Strapping
- Geotextiles & Agriculture
- Nets

Product Description

- COPYLENE® CH014 is a polypropylene homopolymer resin designed for extrusion applications and is made with non-phthalate technology

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.3 g/10 min
Density – Specific Gravity	ASTM D 792	0.9 sp. gr
Mechanical		
Tensile Strength @ Yield (2 in/min) (50 mm/min)	ASTM D 638	5,000 psi 34.5 MPa.
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	215,000 psi 1,482 MPa.
Tensile Elongation @Yld	ASTM D 638	11 %
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.1 ft-lb/in 59 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	92 °C

For regulatory compliance information, see COPYLENE® CH014 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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