

For more information and technical assistance contact ConocoPhillips COPYLENE™ Polypropylene at www.COPYLENE.com.

COPYLENE™ CH023NX

Homopolymer

Applications:

- Thermoforming

Product Description

- COPYLENE™ CH023NX has a high performance nucleation system designed to yield high clarity thermoformed articles.

Product Properties

Typical Properties	Method	Value Unit
Physical		
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	2.3 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	5350 psi 36.8 MPa
Flexural Modulus (0.05 in/min, 1% Secant, Procedure A) (1 mm/min, 1% Secant, Procedure A)	ASTM D 790	245000 psi 1688 MPa
Tensile Elongation @Yld	ASTM D 638	7.8%
Impact		
Notched izod impact (73 °F, Method A) (23 °C, Method A)	ASTM D 256	1.7 ft-lb/in 90.0 J/m
Thermal		
DTUL @66psi – Unannealed	ASTM D 648	114 °C

For regulatory compliance information, see COPYLENE™ CH023NX 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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