

## Phillips 66 COPYLENE® CH023NX Polypropylene, Homopolymer, Thermoforming

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

COPYLENE™ CH023NX has a high performance nucleation system designed to yield high clarity thermoformed articles. Applications: Thermoforming. Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CH023NX-Polypropylene-Homopolymer-Thermoforming.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH023NX-Polypropylene-Homopolymer-Thermoforming.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 230 °C	2.3 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.9 MPa	5350 psi	(2 in/min); ASTM D638
Elongation at Yield	7.8 %	7.8 %	ASTM D638
Flexural Modulus	1.69 GPa	245 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	Method A; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 °C	237 °F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Process	Thermoforming	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

## Contact Songhan Plastic Technology Co.,Ltd.

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