

## Phillips 66 COPYLENE® CH020S Polypropylene, Homopolymer, BOPP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Film Grade

### Material Notes:

COPYLENE™ CH020S is a polypropylene homopolymer resin typically used by customers for BOPP (biaxially oriented polypropylene)

Applications: Film Extrusion Information provided by Phillips 66.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Phillips-66-COPYLENE-CH020S-Polypropylene-Homopolymer-BOPP.php](http://www.lookpolymers.com/polymer_Phillips-66-COPYLENE-CH020S-Polypropylene-Homopolymer-BOPP.php)

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in <sup>3</sup>	ASTM D792
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.1 MPa	4800 psi	(2 in/min); ASTM D638
Elongation at Yield	11.9 %	11.9 %	ASTM D638
Flexural Modulus	1.35 GPa	196 ksi	0.05 in/mm, 1% Secant, Procedure A; ASTM D790

Descriptive Properties	Value	Comments
Process	Film	

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