

# COPYLENE® CH090

Polypropylene Homopolymer

Phillips 66

## Message:

COPYLENE ® CH080 is a polypropylene homopolymer designed for film applications.

Applications:

Film

General Information			
Features	Homopolymer		
Uses	Film		
Forms	Pellets		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	35.4	MPa	ASTM D638
Tensile Elongation (Yield)	9.3	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1520	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	102	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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## Recommended distributors for this material

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