

# COPYLENE® CH085S

Polypropylene Homopolymer

Phillips 66

## Message:

COPYLENE® CH085S is a controlled rheology polypropylene homopolymer resin containing slip additive. COPYLENE™ CH085S is used in injection molding and cast film extrusion applications.

Applications:

Bags & pouches

Various films & wrap packaging

General Information			
Additive	Slip		
Features	Controlled Rheology		
	Homopolymer		
	Slip		
Uses	Bags		
	Cast Film		
	Film		
	Packaging		
Forms	Pellets		
Processing Method	Cast Film		
	Film Extrusion		
	Injection Molding		
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)	8.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1170	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)	86.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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