

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 ³	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 ¹ (Yield)	32.0	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant ²	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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