

# COPYLENE® CM005

Polypropylene Impact Copolymer

Phillips 66

## Message:

COPYLENE ® CM005 is a fractional melt flow impact copolymer with a barefoot additive package which is specially formulated to excel in extrusion processes.

Applications:

Extrusion, sheet, film

General Information	
Additive	Unspecified Additive
Features	Good Processability
	Impact Copolymer
Uses	Film
	Sheet
Forms	Pellets
Processing Method	Extrusion
	Film Extrusion
	Sheet 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)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	25.9	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1210	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	750	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648

NOTE	
1.	50 mm/min
2.	1.0 mm/min

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