

COPYLENE® CM015G

Polypropylene Impact Copolymer

Phillips 66

Message:

COPYLENE® CM015G is low melt flow impact copolymer with a barefoot additive package and is designed for excellent processing in injection molding and extrusion applications.

Applications:

Injection Molding and Extrusion Processes, Film, Sheet

General Information			
Additive	Unspecified Additive		
Features	Good Processability		
	Impact Copolymer		
	Low Flow		
Uses	Film		
	Sheet		
Forms	Pellets		
Processing Method	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)	1.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	23.8	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant ²	1070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	77.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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