

COPYLENE® CM010G

Polypropylene Impact Copolymer

Phillips 66

Message:

COPYLENE®CM010G is a polypropylene impact copolymer (PP Impact Copoly) product. It can be processed by extrusion or injection molding and is available in North America. The main characteristics are: copolymer.

General Information			
Features	Impact copolymer		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.1	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant ²	1030	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°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.	51 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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