

COPYLENE® CM038LN

Polypropylene Impact Copolymer

Phillips 66

Message:

COPYLENE® CM038LN is an impact copolymer specially de-signed for excellent processing in thermoforming applications and is formulated with antistat and nucleation.

Applications:

Sheet

Thermoforming

Injection Molding

General Information			
Additive	Antistatic Nucleating Agent		
Features	Antistatic Good Processability Impact Copolymer Nucleated		
Uses	Sheet		
Forms	Pellets		
Processing Method	Injection Molding Thermoforming		
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)	3.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.2	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus - 1% Secant ²	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	140	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	116	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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