

COPYLENE® CR120CL-01

Polypropylene Random Copolymer

Phillips 66

Message:

COPYLENE® CR120CL-01 is a clarified, random copolymer specially designed for injection molding applications and is formulated with anti-stat for excellent mold release..

Applications:

Injection molding

General Information			
Additive	Antistatic		
	Clarifier		
	Mold Release		
Features	Antistatic		
	Good Mold Release		
	High Clarity		
	Random Copolymer		
Forms	Pellets		
Processing Method	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)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.2	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus - 1% Secant ²	1000	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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