

# COPYLENE® CR300CL-01

Polypropylene Random Copolymer

Phillips 66

Message:

COPYLENE ® CR300CL-01 is a reactor grade, clarified random copolymer specially designed and formulated for clear injection molding applications and is formulated with anti-stat for excellent mold release.

Applications:

Injection Molding

General Information			
Additive	Antistatic		
	Clarifier		
Features	Antistatic		
	Good Mold Release		
	High Clarity		
	Random Copolymer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
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)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	28.6	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus - 1% Secant <sup>2</sup>	1100	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	84.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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