

COPYLENE® CR350CL-01

Polypropylene Random Copolymer

Phillips 66

Message:

COPYLENETM CR350CL-01 is a clarified, easy molding high melt flow polypropylene random copolymer resin with good see-through and contact clarity in injection molding applications.

Applications:

Housewares

Clear containers

General Information			
Features	Contact Clarity		
	Good Moldability		
	High Clarity		
	High Flow		
	Random Copolymer		
Uses	Containers		
	Household Goods		
Appearance	Clear/Transparent		
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)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.3	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ²	1100	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		

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