

COPYLENE® CR350CL-02

Polypropylene Random Copolymer

Phillips 66

Message:

COPYLENE® CR350CL-02 is a clarified, random copolymer specially designed for clear injection molding applications and is formulated with lube for excellent mold release.

Applications:

Injection Molding

General Information			
Additive	Clarifier		
	Lubricant		
Features	Good Mold Release		
	High Clarity		
	Lubricated		
	Random Copolymer		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	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)	27.5	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)	69	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	76.5	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.0 mm/min		

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