

Osterlene® PPR35CLNX

Polypropylene Random Copolymer

Osterman & Company

Message:

PPR35CLNX is a clarified, random copolymer specially designed for clear injection molding applications and is formulated with lube for excellent mold release.

Applications for PPR35CLNX include injection molding applications.

Osterlene PPR35CLNX meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.

General Information			
Additive	Clarifier		
Features	Definition, high		
	Compliance of Food Exposure		
	Good demoulding performance		
	Random copolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	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)	27.6	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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Recommended distributors for this material

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