

Osterlene® PPR02CL

Polypropylene Random Copolymer

Osterman & Company

Message:

PPR02CL is a random polypropylene that is clarified with high clarity and gloss, low odor and taste transfer, and good regrind stability.

Suggested uses for PPR02CL includes, extrusion, blow molding and thermoforming where enhanced clarity is desired.

Osterlene PPR02CL 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			
Features	Highlight		
	Lower taste transfer		
	The smell is low to none		
	Definition, high		
	Compliance of Food Exposure		
	Random copolymer		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Blow molding		
	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.3	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant	1070	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
-20°C	64	J/m	ASTM D256
23°C	290	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	86.1	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze (508 μm, injection molding)	10	%	ASTM D1003

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

