Osterlene® PPH12

Polypropylene Homopolymer

Osterman & Company

Message:

PPH12 is a general purpose polypropylene homopolymer for use in compounding and injection molding applications.
Typical applications include general-purpose molding, disposable containers, caps, closures, and housewares.
Osterlene PPH12 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	Homopolymer
	Compliance of Food Exposure
	General
Uses	Shield
	Household goods
	Container
	General
	Shell
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Composite
	Injection molding

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	35.9	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	90.0	°C	ASTM D648

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