

Osterlene® PPH-12-.8

Polypropylene Homopolymer
Osterman & Company

Message:

PPH-12-.8 polypropylene homopolymer is intended for use in injection molding processes and is particularly suited for rigid packaging. PPH-12-.8 contains an anti-static additive. PPH-12-.8 meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520. This regulation allows the use of this polymer in "...articles or components of articles intended for use in contact with food." Specific limitations or conditions of use may apply.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Food Contact Acceptable		
	Homopolymer		
Uses	Non-specific Food Applications		
	Rigid Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
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)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.1	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	35.0	°C	ASTM D648

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