

# Osterlene® PPH-3-.75

Polypropylene Homopolymer  
Osterman & Company

Message:

PPH-3-.75 is a high molecular weight, highly isotactic, polypropylene homopolymer designed for extrusion processes, notably biaxially oriented film. It does not contain slip or antiblock.  
PPH-3-.75 meets all the requirements of the Food and Drug Administration regulation 21 CFR 177.1520 covering safe use of PPH-3-.75 for use involving contact with food.

General Information			
Features	Food Contact Acceptable		
	High Isotactic		
	High Molecular Weight		
	Homopolymer		
Uses	Bi-axially Oriented Film		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.904	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	109		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	38.6	MPa	ASTM D638
Tensile Elongation (Yield)	9.5	%	ASTM D638
Flexural Modulus - 1% Secant	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256

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