

Osterlene® PPH18F

Polypropylene Homopolymer

Osterman & Company

Message:

PPH18F is a fiber filament polypropylene homopolymer that is UV resistant.

Typical applications include BCF Multi-Filaments and Continuous Filament Yarn.

Osterlene PPH18F 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		
	Good UV resistance		
	Compliance of Food Exposure		
Uses	Line		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	104		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.2	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Additional Information	Nominal Value	Unit	Test Method
Elongation of Fibers	93	%	ASTM D2256
Takeup Roll Speed	33.3	m/sec	Internal method
Tenacity of Fibers	2.90	g/denier	ASTM D2256

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