

# Osterlene® PPH-18-.5

Polypropylene Homopolymer

Osterman & Company

Message:

PPH-18-.5 is a fiber filament polypropylene homopolymer that is UV resistant.  
Typical applications include BCF Multi-Filaments and Continuous Filament Yarn.

General Information			
Features	Homopolymer		
	Good UV resistance		
Uses	BCF line		
	Filament		
Forms	Particle		
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 D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256A
Additional Information			

Tenacity of Fibers, ASTM D2256: 2.9 g/denierElogation of Fibers, ASTM D2256: 93%Suggested Takeup Roll Speed (suppliers opinion): 6562 ft/min, 2000m/min

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