

# Osterlene® PPH-2.0-Film

Polypropylene Homopolymer  
Osterman & Company

Message:

PPH-2.0-Film has excellent color and processing stability. It also has superior optical and mechanical processing.  
Suggested applications in orientation processes for manufacture of packaging tapes and films.  
PPH-2.0-Film complies with all application FDA regulations for food contact applications.

General Information			
Features	Optical		
	Homopolymer		
	Workability, good		
	Good processing stability		
	Good color stability		
	Compliance of Food Exposure		
Uses	Films		
	Strap		
	Non-specific food applications		
Agency Ratings	FDA Food Exposure, Not Rated		
Forms	Films		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
MD	2410	MPa	ASTM D882
TD	4140	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	152	MPa	ASTM D882
TD: Fracture	241	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	150	%	ASTM D882
TD: Fracture	60	%	ASTM D882
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	163	°C	DSC
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	85		ASTM D2457

Haze	1.0	%	ASTM D1003
Additional Information			
Water Vapor Transmission Rate, @ 100°F, 90% RH, ASTM F1249-90: 0.3g/100 sq-in/24 hrs./mil			
Extrusion	Nominal Value	Unit	
Melt Temperature	232 - 274	°C	

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

