

Osterlene® PPH-3.5-LWC

Polypropylene Homopolymer

Osterman & Company

Message:

PPH-3.5-LWC is a polypropylene homopolymer designed for injection molding, general purpose, and Low Water Carryover applications. Suggested uses for PPH-3.5-LWC includes tape, slit-film fibers, containers, closures and housewares. PPH-3.5-LWC meets the requirements of the Food and Drug Administration regulation 21 CFR 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food."

General Information			
Features	Homopolymer		
	Compliance of Food Exposure		
	Low water portability		
	General		
Uses	Strap		
	Non-specific food applications		
	Household goods		
	Cutting film fiber		
	Container		
	Shell		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.9	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.2	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - 1% Secant	1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Additional Information			
Tenacity of Fibers, ASTM D2256: 4.5 g/denierElogation of Fibers, ASTM D2256: 36%			

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT