

# Osterlene® PPH035LWC

Polypropylene Homopolymer

Osterman & Company

## Message:

PPH035LWC is a polypropylene homopolymer designed for injection molding, general purpose, and Low Water Carryover applications. Suggested uses for PPH035LWC includes tape, slit-film, fibers, containers, closures and housewares. Osterlene PPH035LWC 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		
	Compliance of Food Exposure		
	General		
Uses	Strap		
	Household goods		
	Container		
	General		
	Shell		
	Fiber		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.5	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

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