

Osterlene® PPH35NA

Polypropylene Homopolymer

Osterman & Company

Message:

PPH35NA is a nucleated, antistatic polypropylene with very good mold release.

Suggested uses for PPH35NA include large part injection molding, fast-cycle injection molding, disposable drinkware and hospitalware.

Osterlene PPH35NA 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			
Additive	Nucleating agent		
	Antistatic property		
Features	Nucleated		
	Homopolymer		
	Antistatic property		
	Compliance of Food Exposure		
	Good demoulding performance		
Uses	Disposable wine set		
	Medical equipment		
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)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	106		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	38.6	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1650	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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