Osterlene® PPH-38-.5

Polypropylene Homopolymer

Osterman & Company

Message:

PPH-38-.5 is a polypropylene homopolymer for use in filtration applications.

PPH-38-.5 is a controlled rheology resin that provides good flow characteristics while retaining the mechanical strength of a low melt flow rate resin. Typical applications include melt blown fiber or fine denier fiber production.

PPH-38-.5 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." Specific limitations or conditions of use may apply.

General Information			
Features	Controlled Rheology		
	Food Contact Acceptable		
	Good Flow		
	Good Strength		
	Homopolymer		
Uses	Fibers		
	Filtration Media		
	Non-specific Food Applications		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	38	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 (Yield)	36.4	MPa	ASTM D638
Tensile Elongation (Yield)	6.6	%	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	98.3	°C	ASTM D648

Recommended distributors for this material

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