

Osterlene® PPH-30-.4

Polypropylene Homopolymer

Osterman & Company

Message:

PPH-30-.4 is a high activity catalyst polypropylene homopolymer with antistat for use in injection molding applications.

This resin exhibits excellent flow characteristics, retains mechanical strength of low melt resin, offers good mold release properties and exhibits excellent part finish.

Typical applications include closures, overcaps, housewares, mugs/cups and disposable thin-wall containers.

General Information			
Additive	Antistatic		
Features	Antistatic		
	Disposable		
	Good Flow		
	Good Mold Release		
	Good Strength		
	Good Surface Finish		
	Homopolymer		
Uses	Closures		
	Cups		
	Household Goods		
	Thin-walled Containers		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	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)	36.5	MPa	ASTM D638
Tensile Elongation (Yield)	7.4	%	ASTM D638
Flexural Modulus	1590	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.2	°C	ASTM D648
Injection	Nominal Value	Unit	
Rear Temperature	221	°C	

Middle Temperature	232	°C
Front Temperature	243	°C
Nozzle Temperature	243	°C

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