

Osterlene® PPC35-2

Polypropylene Impact Copolymer

Osterman & Company

Message:

PPC35-2 is a medium impact copolymer polypropylene designed for such applications as dairy packaging, deli containers and stadium cups. Osterlene PPC35-2 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	Impact copolymer		
	Compliance of Food Exposure		
	Medium impact resistance		
Uses	Packaging		
	Cup		
	Container		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
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)	25.5	MPa	ASTM D638
Flexural Modulus - 1% Secant ²	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	80	J/m	ASTM D256
23°C	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	88.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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