

Chemical Resources BPP400

Polypropylene Impact Copolymer

Chemical Resources, Inc.

Message:

BPP400 is formulated for Blow Molding, Thermoforming & Sheet Extrusion.
It meets the requirements of the FDA regulation 21CFR.1520

General Information	
Features	Food Contact Acceptable Impact Copolymer
Uses	Blow Molding Applications Sheet
Agency Ratings	FDA 21 CFR 177.1520
Processing Method	Blow Molding Sheet Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	104	°C	ASTM D648

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