

KW Plastics KWR621 FDA

Polypropylene Copolymer

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Message:

Copolymer Polypropylene Post-Consumer Resin

Injection Molding

CHARACTERISTICS

Good impact resistance. Available as mixed color. Food grade PP, in compliance with FDA NOL suitable for use in the fabrication of disposable food service items, such as disposable cutlery, soup containers, and hot and cold drink cups and the manufacture of reusable crates or pallets for holding relatively large quantities of fresh, unwrapped product and shelled eggs under room temperature and below (Conditions of Use C-G) in levels up to 100% content.

General Information			
Recycled Content	Yes		
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
Uses	Crates		
	Cups		
	Disposable Tableware		
	Food Containers		
	Pallets		
Agency Ratings	FDA Food Contact, Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.915	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1030	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	91	J/m	ASTM D256

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