

Scale:  
 0 = Least  
 10 = Highest

## MATERIALS/PROPERTY CHART

MATERIAL PROPERTY	POLYSTYRENE HIGH IMPACT	POLYCARBONATE PC	TRITAN (BPA Free)	DURADEX (BPA Free)	SAN (BPA Free)	ACETAL	POLYETHYLENE PE	POLYPROPYLENE PPY HOMO COPOLYMER	POLYPROPYLENE LD, HD, IMPACT COPOLYMER	ACRYLIC CAST	MELAMINE	FIBERGLASS
<b>PRODUCT</b>	Sugar Caddies	Food pans, Food Boxes, Tumblers	Food Pans	High Heat Pans	Tumblers, Salad Crocks, Ramekins	Tongs, Measure Misers	Bains Marie	Café Trays, Bains Marie	Trash Cans-HD, Lids LD, Opticlean Racks-HD Impact	Plate Covers, Bowls	Dinnerware, Ramekins	Trays
<b>Break Resistance</b>	6	10	10	10	4	7	5	3	6	6	5	6
<b>Chemical Resistance</b>	5	6	8	8	8	8	9	8	8	4	8	8
<b>Flexibility</b>	5	5	3	4	3	8	9	7	7	2	1	2
<b>Clarity</b>	0	9	9	8	9	0	0	0	2-7	9	0	0
<b>Recyclable</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
<b>Dishwasher Safe</b>	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes*	Yes	Yes	Yes	Yes
<b>Temperature Range</b>	30° to 190°F 1° to 88°C	-40° to 212°F -40° to 100°C	-40° to 190°F -40° to 88°C	-40° to 400°F -40° to 204°C	0° to 180°F -18° to 82°C	-40° to 212°F -40° to 100°C	-40° to 180°F -40° to 82°C	32° to 180°F 0° to 82°C	32° to 180°F 0° to 82°C	32° to 180°F 0° to 82°C	0° to 212°F -18° to 100°C	0° to 275°F -18° to 135°C
<b>Manufacturing Process</b>	All Thermo Plastic Process	All Thermo Plastic Process	Injection Molding	Injection Molding	All Thermo Plastic Process	Injection Molding	All Thermo Plastic Process	All Thermo Plastic Process	All Thermo Plastic Process	Vacuum Form Bending	Thermo Set	Thermo Set
<b>Microwave Capable</b>	No	Reheat Only	Reheat Only	Yes	No	No	Reheat Only	Reheat Only	Reheat Only	No	No	Yes