



TECHNICAL DATA SHEET (TDS)

GPPS PS14GP CRYSTAL POLYSTYRENE

OVERVIEW: High injection molding.

Applications: cutlery, tumblers and containers, blending crystal, master batch carrier.

Complies with the specifications U.S. FDA 21 CFR 177.1640.

ADDITIVE:

Rheological Properties	Test Method	Units	Nominal Values
Melt Flow (200°C-5 kg)	ASTM D-1238	g/10min	14.0
Density		g/cm ³	1.04
Properties			
Tensile strength	ASTM D-638	Psi	6400
Tensile Modulus	ASTM D-638	Psi(105)	4.5
Flexural Strength	ASTM D-790	Psi	12200
Flexural Modulus	ASTM D-790	Psi(105)	4.6
Heat Distortion-Annealed	ASTM D-648	°F	195
Vicat Softening	ASTM D-1525	°F	206
Linear Shrinkage	ASTM D-955	in/in	.004-.007
Moisture		%	<0.1

The above information is provided in good faith. PACIFIC is not responsible for any processing or compounding which may occur to produce finished articles, packaging materials or their components. Further, PACIFIC MAKES NO WARRANTY OR REPRESENTATION OF ANY KIND, REGARDING THE INFORMATION GIVEN FOR THE PRODUCTS DESCRIBED, AND EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, REPRESENTATIONS AND CONDITIONS, INCLUDING WITHOUT LIMITATION ALL WARRANTIES AND CONDITIONS OF QUALITY, MERCHANTABILITY AND SUITABILITY OR FITNESS FOR PARTICULAR PURPOSE.

**825 BRICKELL BAY DRIVE, SUITE 1750, MIAMI, FLORIDA 33131
TELEPHONE (305) 358-1900 WWW.PACIFIC-LTD.COM**

