

# PRIMEX PLASTICS CORPORATION

A subsidiary of ICC Industries Inc.

## PRIME PETG 5500 UTILITY

### TECHNICAL DATA SHEET

Properties	ASTM	Units	Typical Value
Specific Gravity	D-1505	g/cc	1.27
Tensile Strength @ Yield	D-638	psi	7,300 - 7,700
Elongation @ Break	D-638	%	50 - 110
Flexural Modulus	D-790	psi	300,000 - 310,000
Rockwell Hardness	D-785	R-Scale	106 - 115
Impact Strength, notched Izod @ 73°F	D-256	ft-lb/in	1.7 – 1.9
Impact Strength, notched Izod @ -22°F	D-256	ft-lb/in	.5 - .7

**CAUTION:** Values listed are typical values for PETG as defined by ‘Modern Plastics World Encyclopedia 2000’. Utility materials used may or may not fall into the ranges identified. Utility materials are likely to be inconsistent, both from batch to batch and within individual batches. Utility materials cannot be certified to FDA, UL, RoHS, or other similar specifications. Care should be used whenever selecting to use a utility grade material. It is the responsibility of the end user to determine the acceptability of material use for a particular application.

**Note:** These typical results are based on test procedures which are believed to be reliable. Due to variable conditions or methods of processing, NO GUARANTEES OR WARRANTIES ARE EXPRESSED OR IMPLIED INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE, nor any recommendations made to infringe on any patents.

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