

# Iten Industries

## Politen® G 7035 Performance Values

<u>Molding Properties</u>	<u>ASTM</u>	<u>Values</u>
Temperature		320° -
Mold Shrinkage		2.5 - 4.0 mil/inch
Specific Gravity, Molded	D792	1.81
<u>Physical Properties</u>		
Tensile Strength:	D638	8 - 10,000 psi
Flexural Strength:	D790	16 - 20,000 psi
Compressive Strength:	D695	22 - 26,000 psi
Izod Impact (notched):	D256	2.0 - 4.0 ft.lb./in.
Water Absorption	D570	.10% of weight
Barcol Hardness		35 - 45
<u>Electrical Properties</u>		
Arc Resistance	D495	146 seconds
Comparative Tracking Index		600+ volts
Dielectric Strength, short time	D149	350 Vpm
<u>Thermal Properties</u>		
Heat Distortion Temperature @ 264 psi		500+°F
U.L. Subject 94	UL94	V-0
U.L. temperature Index:	Electrical	130° C
	Mechanical	130° C

Ashtabula, Ohio 44004 440-997-6134 Fax 440-992-3614

All values are average test results from typical production material. No warranty is implied or guaranteed and testing is recommended for each application.

*www.itenindustries.com*

Imageneering With Plastics

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