

## Asahi Kasei Xyron® G701V Modified Polyphenylene Ether

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Ether, Glass/Graphite Reinforced

**Material Notes:**

Applications: Automotive: Door Handles, Fuse Carriers, Fuse Box Covers, Interior Electrical Outlets, Interior Plugs/Switches, Interior High Precision Parts Electrical and Industrial: Pool and Spa Parts, Impellers, Valve Bodies, Electrical Base Pans, Fuse Box Components, Control Boxes, Electrical Boxes, Battery Cases

Information provided by Asahi Kasei

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Asahi-Kasei-Xyron-G701V-Modified-Polyphenylene-Ether.php](http://www.lookpolymers.com/polymer_Asahi-Kasei-Xyron-G701V-Modified-Polyphenylene-Ether.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 g/cc	1.55 g/cc	23°C
Filler Content	10 %	10 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	78.0 MPa	11300 psi	
Flexural Modulus	3.79 GPa	550 ksi	
Izod Impact, Notched	1.18 J/cm	2.21 ft-lb/in	ASTM 3.2mm

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	128 °C	262 °F	
Flammability, UL94	V-1	V-1	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.0	3.0	50% RH
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

## Contact Songhan Plastic Technology Co.,Ltd.

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