

**Hexcel® HexPly® F650 Bismaleimide Resin with Quartz 581 reinforcement**

Category : Polymer , Thermoset , Polyimide, TS

**Material Notes:**Laminate Physicals: 47.2% Fiber volume, 38.4% Resin content, 0.5% Voids  
Information provided by HexCel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexPly-F650-Bismaleimide-Resin-with-Quartz-581-reinforcement.php](http://www.lookpolymers.com/polymer_Hexcel-HexPly-F650-Bismaleimide-Resin-with-Quartz-581-reinforcement.php)

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.31	3.31	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	3.33	3.33	
	@Temperature 149 °C	@Temperature 300 °F	
	3.34	3.34	
	@Frequency 9.375e+9 Hz, Temperature 232 °C	@Frequency 9.375e+9 Hz, Temperature 450 °F	
Dielectric Loss Index	0.0030	0.0030	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	0.0040	0.0040	
	@Temperature 149 °C	@Temperature 300 °F	
	0.0050	0.0050	
	@Frequency 9.375e+9 Hz, Temperature 232 °C	@Frequency 9.375e+9 Hz, Temperature 450 °F	

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