

## Hexcel® HexPly® M49 120°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

### Material Notes:

HexPly® M49 is a 120°C curing toughened epoxy matrix with good impact resistance suitable for use in performance cars. The matrix is highly tolerant of a wide variety of production techniques and equipment making it easy to process. Information provided by HexCel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexPly-M49-120C-Curing-Epoxy-Matrix.php](http://www.lookpolymers.com/polymer_Hexcel-HexPly-M49-120C-Curing-Epoxy-Matrix.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in³	
Viscosity	>= 5000 cP	>= 5000 cP	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	95.0 °C	203 °F	Wet
	120 °C	248 °F	After 120°C, 60 min cure dry

Processing Properties	Metric	English	Comments
Gel Time	12.0 - 14.0 min	12.0 - 14.0 min	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	12.0 Month	12.0 Month	
	@Temperature -18.0 °C	@Temperature -0.400 °F	

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