

## Hexcel® HexPly® M39-X7B Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

### Material Notes:

HexPly® M39-X7B is specifically designed for prepreg applications with unidirectional fibers and short curing cycles for sporting (e.g. racket production) and industrial applications. HexPly® M39-X7B comprises a modified epoxy resin preimpregnated into carbon, glass or aramid fibers. A typical cure cycle would be 13 min at 140°C or 8 min 160°C. HexPly® M39-X7B is suited to press, autoclave and shrink wrap tape manufacturing methods. Benefits: Good drapability of prepreg, Medium tack, Suitable for a range of pressure cycles (0.3-10 bar), Controlled flow for ease of processing, Excellent adhesive properties, Tough epoxy matrix, Long shelf life, Superior surface finish

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexPly-M39-X7B-Epoxy-Matrix.php](http://www.lookpolymers.com/polymer_Hexcel-HexPly-M39-X7B-Epoxy-Matrix.php)

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	120 °C	248 °F	DSC 10°C/min

Processing Properties	Metric	English	Comments
Gel Time	80.0 - 120 min	80.0 - 120 min	
	@Temperature 150 °C	@Temperature 302 °F	
Shelf Life	0.750 Month	0.750 Month	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	12.0 Month	12.0 Month	
	@Temperature -18.0 °C	@Temperature -0.400 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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