

## Hexcel® HexPly® 920CX-EP2015-47.5% 125°C Curing Epoxy Matrix

Category : Polymer , Thermoset , Epoxy , Epoxy Cure Resin

### Material Notes:

Intermediate modulus, 6K carbon, 2x2 twill, 193 g/m2Information provided by HexCel

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hexcel-HexPly-920CX-EP2015-475-125C-Curing-Epoxy-Matrix.php](http://www.lookpolymers.com/polymer_Hexcel-HexPly-920CX-EP2015-475-125C-Curing-Epoxy-Matrix.php)

| Mechanical Properties      | Metric   | English    | Comments                                                                                                                        |
|----------------------------|----------|------------|---------------------------------------------------------------------------------------------------------------------------------|
| Tensile Strength, Yield    | 1337 MPa | 193900 psi | pr EN 2561 Type B                                                                                                               |
| Tensile Modulus            | 87.0 GPa | 12600 ksi  | Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 2561 Type B                               |
| Compressive Yield Strength | 369 MPa  | 53500 psi  | Compression After Impact @ 6.6 J/mm, Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; pr EN 6038 |
|                            | 901 MPa  | 131000 psi | Results normalized to 60% fibre volume for Carbon, 50% fibre volume for Kevlar; EFA TP-003                                      |
| Shear Strength             | 71.0 MPa | 10300 psi  | IL; pr EN 2563                                                                                                                  |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China