



# HexPly® 6268

125°C curing epoxy matrix



## Product Data Sheet

### Description

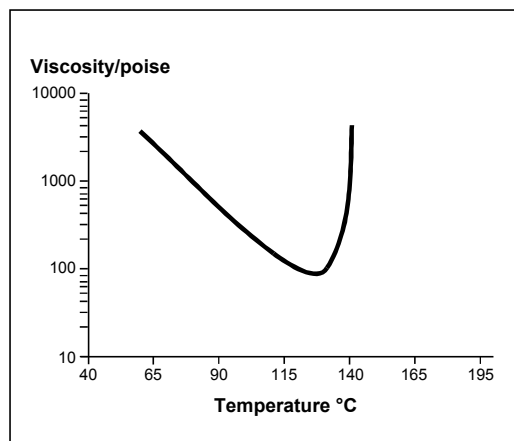
HexPly® 6268 is a modified epoxy resin which provides good adhesion to honeycomb core. It is a selfextinguishing matrix system offering good toughness, which is used for aircraft primary and secondary structures.

HexPly® 6268 is available in UD carbon and woven aramid, glass and carbon.

### Benefits and Features

- Self extinguishing matrix
- Excellent adhesion to honeycomb
- Good environmental resistance
- Curable under a range of pressures 2 - 10 bar
- Good strength performance to 100°C
- Tough matrix
- Medium tack

### Resin Matrix Properties





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### Cured Matrix Properties

Cured density 1.27 g/cm<sup>3</sup>

### Prepreg Curing Conditions

90 minutes at 125°C pressure 2-10 bar (200-1000 kN/m<sup>2</sup>)

Heat up rate 1.5°C to 5°C/minute.

### Prepreg Storage Life

- Tack Life @ 23°C 21 days
- Guaranteed Shelf Life @ -18°C 12 months (minimum)

### Precautions for Use

The usual precautions when handling uncured synthetic resins and fine fibrous materials should be observed, and a Safety Data Sheet is available for this product. The use of clean disposable inert gloves provides protection for the operator and avoids contamination of material and components.

### For more information

Hexcel is a leading worldwide supplier of composite materials to aerospace and industrial markets. Our comprehensive range includes:

- |                            |                              |  |
|----------------------------|------------------------------|--|
| • HexTow® carbon fibers    | • HexFlow® RTM resins        | • Acousti-Cap® sound attenuating honeycomb |
| • HexForce® reinforcements | • Redux® adhesives           | • Engineered core                          |
| • HexPly® prepregs         | • HexTool® tooling materials | • Engineered products                      |
| • HexMC® molding compounds | • HexWeb® honeycombs         |  |

For US quotes, orders and product information call toll-free 1-800-688-7734. For other worldwide sales office telephone numbers and a full address list, please go to:

<http://www.hexcel.com/contact/salesoffice>

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