**Description**
HexPly® 6268 is a modified epoxy resin which provides good adhesion to honeycomb core. It is a self-extinguishing 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**

![Viscosity vs Temperature Graph](graph.png)

<table>
<thead>
<tr>
<th>Temperature °C</th>
<th>Viscosity/poise</th>
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<tbody>
<tr>
<td>40</td>
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<tr>
<td>65</td>
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<td>140</td>
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<tr>
<td>165</td>
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<tr>
<td>195</td>
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</tbody>
</table>

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Cured Matrix Properties

Cured density 1.27 g/cm³

Prepreg Curing Conditions

90 minutes at 125°C pressure 2-10 bar (200-1000 kN/m²)
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 (maximum from date of manufacture)

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
- HexForce® reinforcements
- HiMax® multiaxial reinforcements
- HexPly® prepregs
- HexMC®-i molding compounds
- HexFlow® RTM resins
- HexBond™ adhesives
- HexTool® tooling materials
- HexWeb® honeycombs
- Acousti-Cap® sound attenuating honeycomb
- Engineered core
- Engineered products
- Polyspeed® laminates & pultruded profiles
- HexAM® additive manufacturing

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:

https://www.hexcel.com/contact

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