

DEXNYL[®] Composite PEEK-CF sheet (2nd)_40 Secondary Quality !

Product Data Sheet

DEXNYL[®] Composite PEEK-CF is a secondary quality PEEK-carbon fibre composite sheet made of several layers of woven CF-fabric (approx. 60%) in a PEEK matrix. The sheets have small visual and physical defaults! The composite sheets can be heated above their melting temperature and then stamped in a metallic mould of a press. Excellent price-performance relation.

The sheets have excellent thermal and chemical resistance, as they are made of PEEK (approx. 40%). Other advantages are high compressive strength and superior mechanical stability and stiffness. The first quality composite sheets are not available through BIEGLO.

<u>Product Benefits</u>	<u>Process Benefits</u>
<ul style="list-style-type: none"> • high-performance mechanical properties • continuous use at elevated temperature • low flammability, smoke and toxicity • resistant to chemicals and solvents • room temperature storage and shipping • recyclable 	<ul style="list-style-type: none"> • thermoformable (press forming) • short cycle time • thermoplastic joining technologies • cuttable by water-jet or laser

Applications:

- Fixtures
- Seals/Gaskets
- Door Brackets/Hinges
- Decorative Parts

Sheet dimension:	800 mm x 1200 mm
Sheet thickness:	6 plies (1,86mm) = ~2,8kg 8 plies (2,48mm) = ~3,8kg 10 plies (3,10mm) = ~4,7kg 12 plies (3,72mm) = ~5,7kg 14 plies (4,34mm) = ~6,7kg 16 plies (4,96mm) = ~7,6kg

