

**FORMAX STYLE:** [C12K, 300, 0]  
**FORMAX CODE:** FCIM257

**REINFORCING FIBRE SPECIFICATION**

**FIBRE TYPE:** 12K CARBON  
**AREAL WEIGHT:** 337GSM (+/-5%)  
**SIZE COMPATABILITY:** POLYESTER / EPOXY  
**FIBRE SPECIFICATIONS:** STANDARD MODULUS CARBON, 136TEX  
**WIDTH:** 1200MM

**STITCHING FIBRE SPECIFICATION**

**STITCHING THREAD:** 78DTEX TEXTURED POLYESTER  
**STITCHING GAUGE:** 6 GG  
**STITCH LENGTH:** 2.50MM  
**STITCH TYPE:** TRICOT  
**STITCH WEIGHT:** 7GSM

**PLY CONSTRUCTIONS**

**0° PLY**

**FIBRE SPECIFICATION** 12K CARBON  
**FIBRE TEX** 800TEX  
**GAUGE** 10  
**PLY WEIGHT** 309 GSM

**-45° PLY**

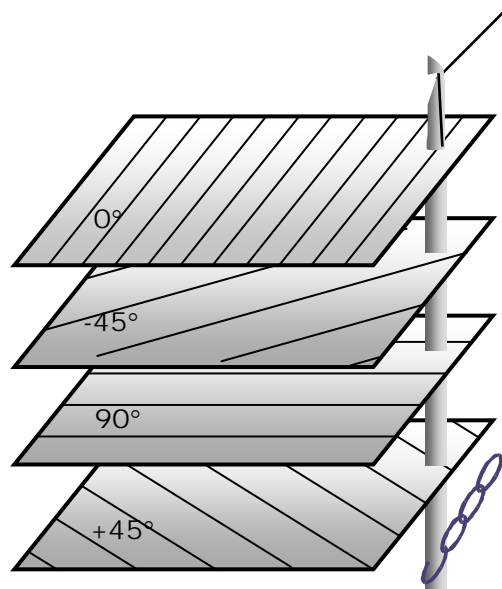
**FIBRE SPECIFICATION** E-GLASS  
**FIBRE TEX** 136TEX  
**GAUGE** 1  
**PLY WEIGHT** 8GSM

**90° PLY**

**FIBRE SPECIFICATION** E-GLASS  
**FIBRE TEX** 136TEX  
**GAUGE** 5  
**PLY WEIGHT** 12GSM

**+45° PLY**

**FIBRE SPECIFICATION** E-GLASS  
**FIBRE TEX** 136TEX  
**GAUGE** 1  
**PLY WEIGHT** 8GSM



MATERIAL PROPERTIES	0° DIRECTION	-45° DIRECTION	90° DIRECTION	+45° DIRECTION
FIBRE CONTENT (%)				
FLEXURAL STRENGTH (N/MM <sup>2</sup> )				
FLEXURAL MODULUS (KN/MM <sup>2</sup> )				
TENSILE STRENGTH (N/MM <sup>2</sup> )				

This information is for design evaluation only. While it is believed to be correct, it is not guaranteed in any way. Formax stresses that it is the user that shall determine the suitability of a product for its end-use, and the user that assumes all liability in connection therewith.