

Title (en)
SHEATH-CORE COMPOSITE FIBER AND MULTIFILAMENT

Title (de)
KERN-HÜLLE-VERBUNDFASER UND MULTIFILAMENT

Title (fr)
FIBRE COMPOSITE ÂME-GAINE ET MULTIFILAMENT

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Application
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Abstract (en)
A sheath-core composite fiber which is composed of two or more polymers, wherein a core component having a multifoliate shape with three or more projections is completely covered by a sheath component in a fiber cross-section of the sheath-core composite fiber, while having a ratio of the maximum thickness Smax of the sheath component to the minimum thickness Smin of the sheath component, namely Smax/Smin of 5.0 or more; and a multifilament which is composed of the core component of this sheath-core composite fiber. The present invention provides a sheath-core composite fiber and a multifilament, which are suitable for the achievement of a good textile that is comparable to natural silk.

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