

KV12

Roving series

Roving nomenclature.

Example: BCF 13.1200.KV12 Int.

BCF - basalt continuous filaments.

1st number - monofilament diameter [μm].

2nd number - linear density [tex].

KV12 – type of sizing.

Int./Ext – type of bobbins.

Int. – bobbin for internal unwinding (tubeless).

Ext. – bobbin for external unwinding.

Direct - direct roving type bobbin.

Processing.

Basalt roving of this series is mainly recommended for filament winding, pultrusion, processing into UD and multiaxial fabrics, prepregs and other products based on epoxy resins.

Product description.

Property	Description
Type of fiber	basalt
Monofilament diameter [μm]	10-17
Linear density [tex]	70-250 direct, 300-4800 assembl.
Type of sizing	silane
Sizing content (% wt)	0.5-0.7
Resin compatibility	epoxy
Moisture content (% wt)	<0.3

