

Aramid Ribbon (Tow)



A high strength Aramid Tow, also referred to as a ribbon, is a loosely bonded bundle of Kevlar® fibers held together with an epoxy sizing for handling and bonding purposes.

It is ideal for impact resistant applications requiring the lightweight, high strength properties and can be used to filament wind tubes or for compression molding applications. Aramid Tow is compatible with polyester, vinyl-ester and epoxy resins and wets out easily.

Physical Properties

Number of Filaments	3 thousand (3K)
Width	.125"
Material	Kevlar® 49 Fiber

Technical Properties

Linear Density	1420 denier
Linear Density	1580 dtex
Breaking Tenacity	3000 Mpa
Elongation @ Break	2.4%
Modulus	-
Finish Content	-

All the information contained in these properties is believed to be reliable. It is intended for comparison purposes only as each manufactured lot will exhibit variations. The user should evaluate the suitability of each product for their application. We cannot anticipate the variations in all end use and we make no warranties and assume no liability in connection with the use of this information.