



Nippon Graphite Fiber Corporation

## GRANOC Chopped Fiber, Milled Fiber

### 【Chopped Fiber】

Grade	Length (mm)	Size *	Tensile modulus (GPa)	Tensile strength (MPa)	Thermal Conductivity (W/mK)	Electric Resistivity ( $10^{-6} \Omega\text{m}$ )	Density ( $\text{g}/\text{cm}^3$ )
XN-100-03Z	3	No size	—	—	900	1.5	2.22
XN-100-06Z	6	No size	—	—	900	1.5	2.22
XN-80C-03S	3	Epoxy	780	3430	320	5	2.17
XN-80C-06S	6	Epoxy	780	3430	320	5	2.17
XN-60C-03S	3	Epoxy	620	3430	180	7	2.12
XN-60C-06S	6	Epoxy	620	3430	180	7	2.12
XN-P9C-03S	3	Epoxy	135	1900	5	25	1.80
XN-P9C-06S	6	Epoxy	135	1900	5	25	1.80
XN-P9C-06Z	6	No size	135	1900	5	25	1.80

### 【Milled Fiber】

Grade	Average Length ( $\mu\text{m}$ )	Size	Tensile modulus (GPa)	Tensile strength (MPa)	Thermal Conductivity (W/mK)	Electric Resistivity ( $10^{-6} \Omega\text{m}$ )	Density ( $\text{g}/\text{cm}^3$ )
XN-100-05M	50	No size	—	—	900	1.5	2.22
XN-100-15M	150	No size	—	—	900	1.5	2.22
HC-600-10M	100	No size	—	—	600	2	2.22
HC-600-15M	150	No size	—	—	600	2	2.22
XN-P9C-10M	100	No size	135	1900	5	25	1.80
XN-P9C-15M	150	No size	135	1900	5	25	1.80

---

Nippon Graphite Fiber Corporation

1, Fuji-cho, Hirohata-ku Himeji, Hyogo 671-1123 Japan

Tel +81-79-256-7010 Fax +81-79-237-8427

Website : [www.ngfworld.com](http://www.ngfworld.com)

---