

Material	100% Nylon	Yarn Type	Nylon 6
Pattern	Raw	Feature	High Tenacity
Use	Knitting, Weaving	Twist	400tpm~3000tpm
Evenness	High Uniformity	Yarn Count	from 420D up to 4200D , customzied
Strength	High Tenacity	Place of Origin	China
Brand Name	Nanoforge		

Quality definitions based on Nylon 840D/144F PA6 S110 UV :

Property	Unit	Specification	Tolerance	Result	Standard
Linear Density	D	840	±3%	840	GB/T16604-2017
Breaking Strength	N	≥65.86	/	68.32	GB/T16604-2017
Breaking Tenacity	g/d	≥8	/	08.Mar	GB/T16604-2017
Tenacity CV	%	≤3.00	/	02.Jul	GB/T16604-2017
Elongation at Break	%	25	±3.00	22.55	GB/T16604-2017
Elongation CV	%	≤8.00	/	7.0	GB/T16604-2017
Thermal Shrinkage	%	10	±1	10.0	177°C / 10 min
Oil Pick Up	%	0.8	±0.20	0.8	GB/T6504-2017
Knots (EPM)	Knots/m	12	±3	15	Needle Punching
Grade	/	AA	/	/	/