

Properties	Nylon 6	Nylon 6.6	Nylon 6.12	Polypropylene	Polyester	Synthetic for Elevated Temp	Horsehair	Tampico (Plant)
Shape	Level or Crimp	Level or Crimp	Level or Crimp	Level or Crimp	Level or Crimp	Level	Level	Level
Flex Life	E	E	E	E	G	E	E	F
Springiness/Flicking	E	E	E	G	E	E	F	G
Bend Recovery	E	E	E	G	E	E	F	P
Resistance to set	G	G	G	F	G	G	G	F
Abrasion Resistance	E	E	E	F	G	E	F	P
Water Absorption	9%	9%	3%	<0.2%	<0.5%	9%	--	--
Stiffness in Water	F	F	G	E	E	G	F	P
Environment								
Working Temperature (degrees F)	200-230	200-230	200-230	180	200-230	250-300	na	na
Hot Water	G	G	G	E	E	G	P	E
Melting Point (degrees F)	410	500	415	320	430	495	--	--
Acidic	G	G	G	E	G	G	--	--
Alkaline	E	E	E	E	G	?	--	--
Petroleum Distillates	E	E	E	G	G	E	--	--
E = Excellent		G = Good		F = Fair		P = Poor		