



Nylon Fasteners Resistance Chart

RESISTANCE CHART							
Material / Substances	PA6 6.6 / 66 Polyamide Nylon	PC Polycarbonate	PVDF Polyvinylidene Fluoride	PP Polypropylene	POM Acetal	PE - LD Polyethylene Low-density	PE - HD Polyethylene High-density
Cold water	Good	Good	Good	Good	Good	Good	Good
Hot water	Limited	Limited	Good	Good	Good	Limited	Good
Diluted acid	Good	Limited	Good	Good	Limited	Good	Good
Concentrated acid	Good	Limited	Limited	Good	Limited	Limited	Good
Oxidised acid	Good	Limited	Limited	Limited	Limited	Limited	Limited
Hydrofluoric acids	Good	Limited	Limited	Limited	Limited	Limited	Limited
Diluted potassium	Good	Limited	Good	Good	Good	Good	Good
Concentrated potassium	Limited	Limited	Limited	Good	Good	Good	Good
Inorganic bases	Good	Limited	Good	Good	Good	Good	Good
Dry halogen	Limited	Limited	Good	Limited	Limited	Limited	Limited
Hydrocarbons	Good	Good	Good	Good	Good	Good	Good
Hydrocarbons (chlorinated)	Limited	Limited	Limited	Limited	Limited	Limited	Limited
Alcohols	Good	Limited	Good	Good	Good	Limited	Good
Ester	Good	Limited	Good	Limited	Limited	Limited	Good
Ketone	Good	Limited	Limited	Limited	Limited	Limited	Good
Ether	Good	Limited	Limited	Limited	Limited	Limited	Limited
Aldehyde	Limited	Limited	Limited	Limited	Limited	Limited	Limited
Amino acids	Good	Limited	Good	Good	Limited	Good	Good
Organic acids	Limited	Limited	Good	Limited	Limited	Good	Good
Aromatic hydrocarbons	Good	Limited	Good	Limited	Limited	Limited	Limited
Petrol	Good	Limited	Good	Good	Good	Limited	Good
Mineral oils	Good	Limited	Good	Good	Good	Limited	Good
Greases and oils	Limited	Limited	Good	Good	Good	Limited	Good
Hydrocarbons (non-saturated chlorinated)	Limited	Limited	Limited	Limited	Limited	Limited	Limited
Oil of turpentine	Limited	Limited	Limited	Limited	Limited	Limited	Limited
Humidity absorption % to ASTM d 570	1.3 - 1.9	0.1 - 0.2	0.03	0.01 - 0.03	0.22 - 0.25	< 0.01	< 0.01

Good Resistance
 Limited Resistance
 No Resistant

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