

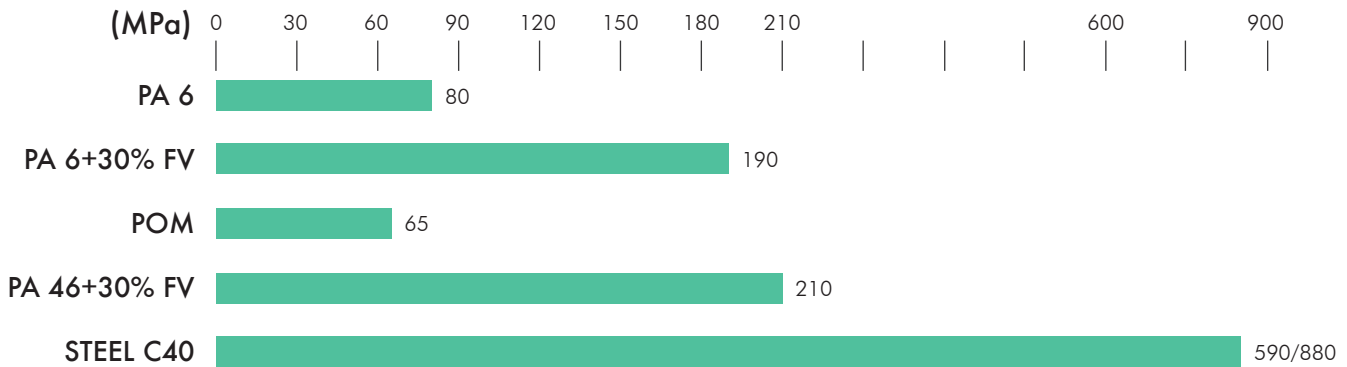
Proprietà tecniche

Technical properties

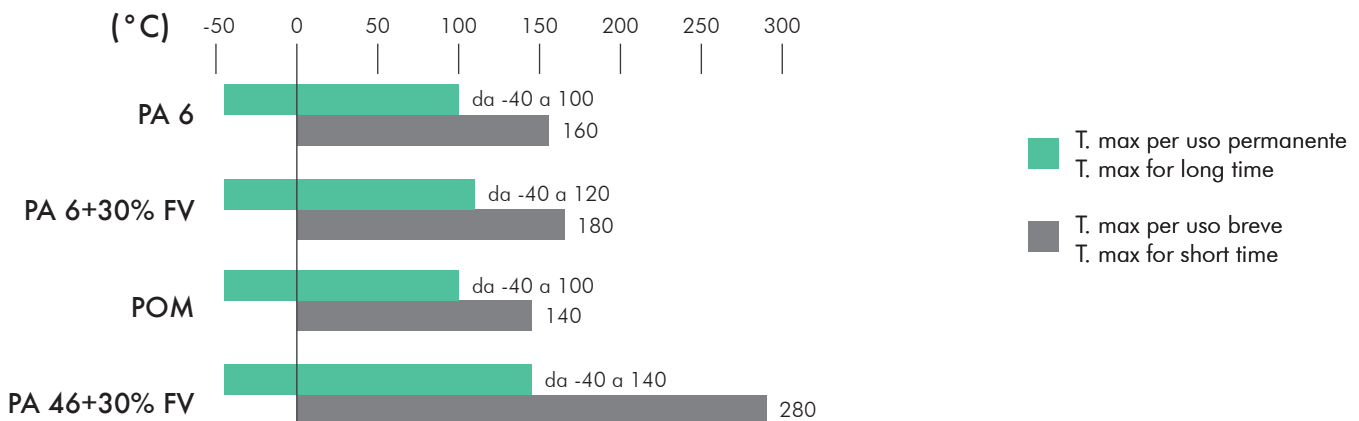
I valori sotto riportati si riferiscono a prove di trazione secondo le norme ISO 527-1/-2 e ASTM 638 per i tecnopolimeri, e EN ISO 10002-1-2001 per l'acciaio C40.

The below mentioned values refer to tensile testing with reference to the regulations ISO 527-1/-2 and ASTM 638 for technopolymer, and EN ISO 10012-1-2001 for C40 steel.

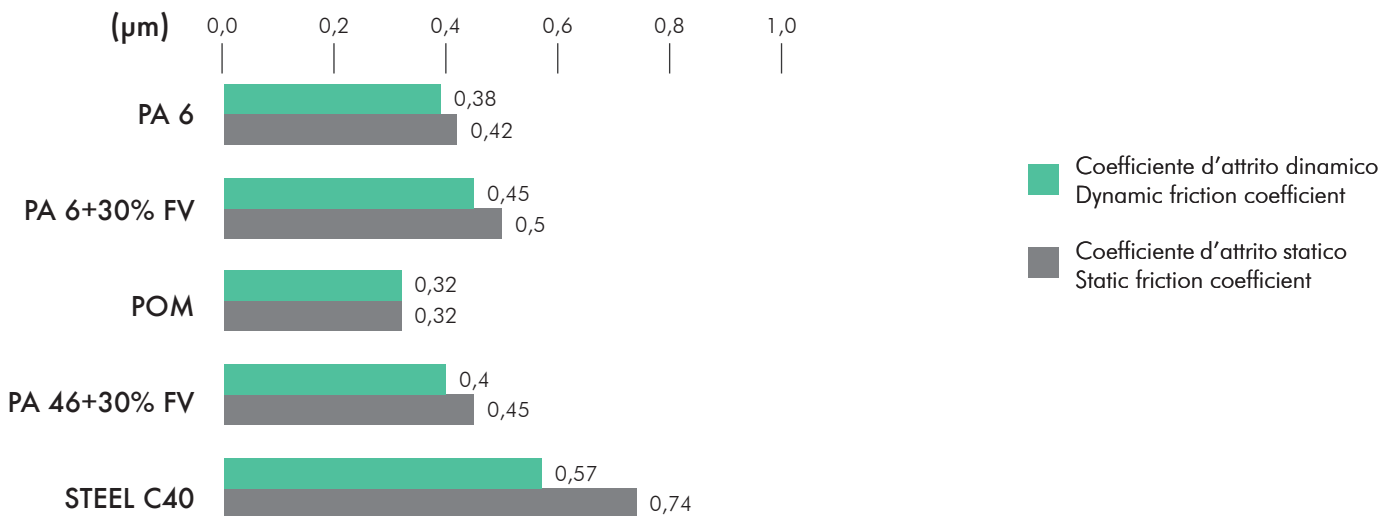
RESISTENZA A TRAZIONE / TENSILE STRENGTH AT BREAK



TEMPERATURA D'IMPIEGO / TEMPERATURE OF USE



COEFFICIENTE D'ATTRITO (SECCO SU ACCIAIO) / FRICTION COEFFICIENT AGAINST STEEL (DRY RUNNING)



I dati riportati derivano dai datasheet dei diversi materiali.
The mentioned data come from datasheet of the different materials.

Proprietà chimiche.

Chemical properties

% = Concentrazione /
Concentration

GR = Buona resistenza; limitate variazioni dimensionali o di peso; nessuna alterazione /
Good resistance-constant; little or no weight or dimensional change; no alterations

MR = Resistenza media: variazioni dimensionali e di peso dopo un determinato intervallo di tempo; possibile variazione di colore, riduzione delle proprietà meccaniche /
Medium resistance: some weight and dimensional change after a certain period; possible colour modification, reduction of mechanical properties

LA = Light attack. L'utilizzo è possibile in determinate condizioni (per es.: contatti con agenti chimici per un determinato intervallo di tempo) /
Light attack. Its use is possible under certain conditions (for ex.: occasional contact of the chemical agent for a limited period of time)

SA = Aggressione chimica /
Strongly attacked after a certain period of time

S = Solubile /
Soluble

AGENTS	%	
Acetaldehyde - aqueous solution	40	MR
Acetamide - aqueous solution	50	GR
Amyl acetate	100	GR
Butyl acetate	100	GR
Methyl acetate	100	GR
Lead acetate- aqueous solution	10	MR
Ethyl acetate	100	GR
Acetone	100	GR
Concentrate acetic acid		SA
Acetic acid - aqueous solution	40	SA
Acetic acid - aqueous solution	10	SA
Benzoic acid aqueous solution	saturated	MR
Boric acid - aqueous solution	10	GR
Butyric acid	100	GR
Chloridic acid - aqueous solution	36	S
Chloridic acid - aqueous solution	10	SA
Chloridic acid - aqueous solution	2	LA
Chromic acid	10	SA
Chromic acid - aqueous solution	1	MR
Citric acid - aqueous solution	10	MR
Fluoridric acid - aqueous solution	40	SA
Formic acid - aqueous solution	85	S
Formic acid - aqueous solution	40	SA
Formic acid - aqueous solution	10	SA
Phosphoric acid - aqueous solution	10	SA
Phosphoric acid - concentrate		SA
Phthalic acid - aqueous solution	saturated	MR
Sea- river- drinkable- distilled water		GR
Chlorine water		MR
Peroxide water - aqueous solution	30	SA
Peroxide water - aqueous solution	3	SA
Peroxide water - aqueous solution	1	LA
Peroxide water	0,5	LA
Lactic acid - aqueous solution	90	SA
Lactic acid - aqueous solution	10	GR
Oleic acid	100	GR
Oxalic acid aqueous solution	10	MR
Salicylic acid	100	GR
Sulphuric acid - aqueous solution	98	S
Sulphuric acid - aqueous solution	40	SA
Sulphuric acid - aqueous solution	10	SA
Sulphuric acid - aqueous solution	2	LA
Tartaric acid		GR
Acrylonitrile	100	GR
Allyl alcohol	100	MR
Amyl alcohol	100	GR
Benzyl alcohol	100	MR
Butyl alcohol	100	GR
Ethyl alcohol	96	GR
Isopropyl alcohol		GR
Methyl alcohol	100	GR
Propyl alcohol		GR
Ammonia	10	GR
Aniline	100	MR
Benzaldehyde	100	MR
Petrol		GR
Benzene	100	GR
Alcohol drinks		GR
Potassium bichromate - aqueous sol.	5	MR
Bisolfito di sodio - aqueous sol.	10	GR
Bitumen		MR
Potassium bromite- aqueous sol.	10	GR
Butter		GR
Butylene glycol	100	GR
Camphor	100	GR
Potassium carbonate	100	GR
Sodium carbonate- aqueous solution	10	GR
Gaseous chlorine	100	SA
Chloroform	100	SA
Alluminium chloride- aqueous solution	10	GR
Ammonium chloride- aqueous solution	10	GR
Barium chloride - aqueous solution	10	GR
Calcium chloride - aqueous solution	20	S
Calcium chloride - aqueous solution	10	GR
Ethyl chloride	100	GR
Magnesium chloride - aqueous solution	10	GR
Methylene chloride	100	MR
Sodium chloride - aqueous solution	10	GR
Thionylchloride		SA
Vinyl chloride	100	GR

AGENTS	%	
Zinc chloride	10	MR
Ferric chloride - aqueous solution		GR
Mercuric chloride	10	LA
Cyclohexane	6	GR
Cyclohexanol	100	GR
Decaline	100	GR
Dichlorofluoro Ethylene (see Freon)		GR
Dimethyl formamide		GR
Dioxane	100	GR
Heptane		GR
Hexane		GR
Anise oil		GR
Clove oil		GR
Lavander oil		GR
Mint oil	100	GR
Rose oil		GR
Violet oil		GR
Petroleum ether		GR
Ethyl ether		GR
Phenol - aqueous solution	100	SA
Molten phenol		GR
Formaldehyde -aqueous solution	100	GR
Freon 12 -liquid	30	GR
Butyl phthalate		GR
Octyl phthalate		GR
Glycerine		GR
Ethylene glycol		GR
Fats		GR
Hydrogen sulphide -aqueous solution	saturated	GR
Sodium hypochlorite -aqueous solution		LA
Iso-octane		GR
Milk		GR
Mercury		GR
Naphthalene		GR
Silver nitrate		GR
Potassium nitrate - aqueous solution		GR
Trifluoro ethanol	10	S
Sodium nitrate		GR
Nitrobenzene	10	MR
Nitromethane	100	GR
Oleum	100	S
Oils		GR
Cupra oil		GR
Flax oil		GR
Paraffin oil		GR
Silicone oil		GR
Diesel oil		GR
Mineral oil		GR
Oil for transformers		GR
Zinc oxide		GR
Ozone		SA
Perfumes		MR
Potassium permanganate - aqueous solution		SA
Oil	1	GR
Potash - aqueous solution	50	MR
Potash - aqueous solution	10	GR
Potash - aqueous solution	5	GR
Sodium silicate		GR
Caustic soda -aqueous solution	50	MR
Caustic soda -aqueous solution	10	GR
Caustic soda -aqueous solution	5	GR
Aluminium sulphate - aqueous solution	10	GR
Copper sulphate -aqueous solution	10	GR
Sodium sulphate -aqueous solution	10	GR
Carbon disulphide - aqueous solution	v	GR
Potassium iodine and iodine solution	3	SA
Soap solution - aqueous solution		GR
Lead stearate	100	GR
Iodine tincture - alcoholic		SA
Carbon tetrachloride		GR
Tetrahydrophurane		GR
Tetralene		GR
Sodium thiosulphate -aqueous solution	10	GR
Toluene		GR
Trichloroethylene		MR
Triethanol amine		GR
Vaselina		GR
Wine		GR
Sulphur		GR
Xylene		GR