

## PRODUCT NAME: FILAMENT 3D PC+PTFE 1,75mm

Substance	Notes	T [°C]	Time [days]	Concentration [%]	Resistance PDL*
Acetic acid	--	23	7	5	8
Antifreeze	--	23/50	5		3
Cyclohexane	--	23			8
Gasoline	Regular	23	365		5
	Premium unleaded	23	7		6
Hexane	Less resistant when loaded	23	3		8
Hydraulic fluids	--	23	3		2-8
Lubricating oils	Not resistant if loaded	23	3		4-8
Methyl alcohol	PDL = 2 for long exposure time (365 days)	23	7		8
Motor oils (some)	--	23	3		6-8
Nitromethane	PDL = 4 if loaded	23	3		8
Phenol	PDL = 2 if loaded or high temperature (85°C)	23	3		8
Sodium hydroxide	--	23	3		2
Sulfuric acid	--	23	365	high	0
		23	3	35	8
Tapping oil	PDL = 4 if loaded or high temperature (85°C)	23	3		8
Transmission fluid	--	85	365		2
Turpentine	--	23	6		2
Water	Water changed weekly	100	41		1

\* PDL Resistance Rating gives a general indication on a material's resistance to a specific environment. Values range from 0 (sample dissolved in the solvent) to 10 (no change in the sample).

The chemical resistance table is based on information from the raw material supplier. The data is for informational purposes only. To our knowledge, they are reliable. ROSA PLAST Sp. z o.o. makes no warranty as to their accuracy, suitability for specific applications or the results to be obtained from them. It is essential that users test our products to determine whether they are suitable for their intended use.



**ROSA PLAST Sp. z o.o.**

ul. Hipolitowska 102, 05-074 Hipolitów  
tel.: +48 22 783 62 62, [www.rosa3d.pl](http://www.rosa3d.pl)