

PPSU 耐化学溶剂性情况 Chemical solvent resistance performance of PPSU Polymers			
试剂 Solvent	浓度, Concentration (%)	重量变化 Weight changed (%)	注释 Comments
<b>有机物 Organic solvent</b>			
1,1,1- 三氯乙烷, 1,1,1-methyl chloroform	100	+0.0	无变化, No change
丙酮, Acetone	100	+9.0	表面变软, Surface soften
苯, Benzene	100	+0.7	变混浊, Change muddy
丁醇, Butanol	100	-0.0	无变化, No change
乙酸丁酯, n-Butyl acetate	100	+0.0	无变化, No change
卡必醇溶剂, Carbitol solvent	100	-0.0	无变化, No change
四氯化碳, Carbon tetrachloride	100	+0.0	无变化, No change
环己烷, Hexamethylene	100	+0.0	无变化, No change
乙醇, Alcohol	100	+0.3	黑点, Black dot
乙酸乙酯, Ethyl acetate	100	+3.7	边缘变白, Edge whiten
乙二醇, Glycol	100	-0.4	无变化, No change
甲醛, Formol	100	+0.4	无变化, No change
丙三醇, Glycerol	100	-0.0	无变化, No change
甲醇, Methanol	40	+0.9	变混浊, Change muddy
甲苯, methylbenzene	100	+0.8	变白, Whiten
冰醋酸, Glacial acetic acid	100	+0.0	轻微受侵蚀, Light corrosion
醋酸酐, Acetic anhydride	100	+1.0	出现微裂纹, Micro-cracks
柠檬酸, Citrin	100	+0.5	无变化, No change
蚁酸, Formic acid	10	+0.6	无变化, No change
<b>无机物 Inorganic substance</b>			
盐酸, Hydrochloric acid	20	+0.2	无变化, No change
盐酸, Hydrochloric acid	37	+0.2	被漂白, decolourized
硝酸, Nitric acid	20	+0.5	无变化, No change
硝酸, Nitric acid	71	+26.9	不透明开裂, Opaque crack
十八烯酸, Octadecenoic acid	100	0.0	无变化, No change

氢氧化钾, Potassium Hydroxide	10	+0.5	无变化, No change
氢氧化钠, Sodium Hydroxide	10	+0.5	无变化, No change
硫酸, Sulfuric acid	50	+0.1	无变化, No change
硫酸, Sulfuric acid	97	-11.3	被侵蚀, Corroded
<b>功能性液体, Functional Fluids</b>			
制动液, Brake fluid	100	-0.2	变混浊, Change muddy
汽油, Gasoline	100	+0.1	无变化, No change
LO-1 液压油, Hydraulic fluid	100	+0.0	无变化, No change
JP-4 喷气发动机燃料, Jet fuel	100	+0.0	变混浊, Change muddy
煤油, Kerosene	100	+0.0	无变化, No change
10W-40 机油, Engine oil	100	+0.0	变混浊, Change muddy
*在室温下七天 Under room temp for 7 days			