


ZELLAMID® RESISTANCE TO CHEMICALS

ZELLAMID® - GRADE									
	%	202 (PA 6)	900 (POM-C)	1400 (PET-C)	1500 (PEEK)	1000 (PEI)	1900 (PPS)	2100 (PPSU)	2200 (PI)
		202 MO (PA6+MoS ₂)	900 SW (POM-C SW)	1400 SW (PET-C SW)	1500 GF30 (PEEK+30%GF)	1000 GF20CRF (PEI+20%GF)	1900 GF40 (PPS+40%GF)		
		250 (PA 6.6)	900 XPE (POM-C+PE)	1400 T (PET-C+solid lubricant)	1500 T (mod.)				
		250 GF30 (PA 6.6+30%GF)	900 H (POM-H)	1400 H (PET-H)					
		250 XPE (PA6.6+PE)	900 H SW (POM-H SW)	1400 XPBT (PBT)					
		1100 (PA6 C)							
Acetone	TR	A	A	C	A	D	A	D	A
Acetylchloride	TR	D	D						
Acetylene	TR	A	A	A	A			A	
Alkylbenzoic	TR	A	A						
Aluminium salts of mineral acids	20	B	B	A	A			A	
Formic acid	I0	B	D	A	B	A		A	
Ammonia	TR	B	A	D	A				
Benzene, Benzaldehyde	H	A	A	D	A	C	B	B	A
Chlorine moist	H	D	D	B	D				
Boric acid	I0	A/B	A	A	A			A	B
Bromwater	GL	D	D		A				
Butadien	TR	A	A	A			A		
n-Butyleneglycol	TR	A	A	A	A				
Calcium chloride alcoholic	20		A					A	
Chlorine, Chlorine moist	H	D	D	D	D				
Chlorobenzene	TR	A	A	D	A	A	B	C	
Chloroform	TR	B	C	D	A	C	B	D	B
Citric acid aqueous	I0	A	A	A	A	A		A	A
	20	A							
Cyclohexane / Cyclopentone	TR	A	A	A	A	A	A	A	A
Dichlortrethylene	TR	A	D	D	A				
Dichlortetrafluorethan	TR	A	A	A	A				
Dimethyleter	TR	A		A	A				
Inert Gas	TR	A	A	A	A	A	A	A	A
Developing liquid	H	A	A	A	A				
Mineral oil,Natural gas	H	A	A	A	A	A	A	A	A
Acetic acid aqueous	95	D	D	C	A	C	A	A	
Ethanol	96	A/B	A	A	A	A	A	A	A
Essential oils	H	A	A	A	A				
Alcoholic fat	H	A	A	A					
Fatty acid	TR	A	A	A	A				
Flurinated hydrocarbons	H	A	A	A					
Flurinated hydroacid aqueous	40	D	D	D					
Fixer solution	H	A	A	A					
Galvanic baths	H	B/D	D						
Glycerine	TR	A	A	A	A	A		A	A
Glyceral	TR	A	A	A	A				
Glyceral acid aqueous	30	D							
Glystantin	H	A	A	D					
Uric acid aqueous	I0	A	A	A	A			A	
Helium and rare gas	TR	A	A	A	A	A	A	A	
Heptan Hexan	TR	A	A	A	A	A	A	A	A
Hydraulic oils	H	A	A	A	A	A	A	A	
Impregnating oils	H	A	A	A	A				
Iso-octan	80	A	A	A	A	A	A	A	
Isocoyante	H	A	A	A					
Cold machine oil	H	A	A	A	A				
Potash lye	50	A	A	D	A		A	A	
Potassiumchloride	I0	A	A	A	A		A	A	
Hydrofluoristic acid	30	D		D					
Carbon dioxide		A	A	A	A		A	A	
Super Otto-fuel	H	A	A		A				
Diesel fuel	H	A	A	A	A		A	A	
Turbine aircraft fuel	H	A	A	A	A		A	A	
Kerosene	H	A	A	A	A		A	A	
Soldering solution	H	D	D	A	A				
Magnesium salt aqueous	I0	A	A	A	A			A	
Seawater		A	A	A	A		A	A	
Methan	TR	A	A	A	A			A	
Methyl acetate	TR	A	B	B	A	B			
Methylene Chloride	TR	B/C	D	D	A		B	D	
Methylene Glycol	TR	A			A	C			
Methylen glycolacetate	TR	A							
Mixed acids		D	D	D					

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	%	202	900	1400	1500	1000	1900	2100	2200	
		(PA 6)	(POM-C)	(PET-C)	(PEEK)	(PEI)	(PPS)	(PPSU)	(PI)	
		202 MO (PA6+MoS ₂)	900 SW (POM-C SW)	1400 SW (PET-C SW)	1500 GF30 (PEEK+30%GF)	1000 GF20CRF (PEI+20%GF)	1900 GF40 (PPS+40%GF)			
		250 (PA 6.6)	900 XPE (POM-C+PE)	1400 T (PET-C+solid lubricant)	1500 T (mod.)					
		250 GF30 (PA 6.6+30%GF)	900 H (POM-H)	1400 H (PET-H)						
	250 XPE (PA6.6+PE)	900 H SW (POM-H SW)	1400 XPBT (PBT)							
	1100 (PA6 C)									
Engine oil	H	A	A	A						
Naphtalene	H	A	A	A	A		A			
Naphtalenesulfanacids	TR	D	D	D	C					
Sodium salts aqueous	I0	A	A	A	A			A		
Sodium hypophosphit aqueous	I0	A	A	A						
Sodium bisulfit aqueous	I0	A	A	A	A			A	A	
Caustic soda solution	I0	A	D	D						
Nitrobenzene	TR	B	A	A	A		A			
Octane Octene	TR	A	A	A	A	A		A		
Oleric acid	H	A	A	A	A			A		
Ozone	TR	B/C	B/C	B/C	A/B			A		
Petroleum	TR	A	A	A	A		A	A		
Phenylethylalcohol	TR	A/B								
Phosphoric acid	I0	D	A	A	A	A	A		D	
	85									
Propane	TR	A	A	A	A			A		
Mercury	TR	A	A	A	A			A		
Mercury chlorid aqueous	GL	D			A					
Nitric acid	>50	D	C	C	B					
Hydrochloric aqueous	>20	D	B	B	A	B	A	B	D	
Oxygen under pressure	TR	A	A	A	A					
Sulphurdioxid dry	TR	A			A					
moist	TR	B			A		A			
Sulphereous acid	GL	B	A	A	A					
Sulphuric acid	>80	D	D	D	A				D	
Sodium Carbonate	I0	A	A	A	A		A	A		
Nitrogen gas	TR	A	A	A	A	A	A	A		
Styrol	TR	A	A	A	A					
Turpentine oil	H	A	A	A	A		A	A		
Tetrachloride-carbon	TR	A	A	A						
Transformer oil	H	A	A	A	A		A	A		
Trichlorethylene	TR	A/B	D	D	A		B			
Uraniumfluoride	TR	D	D	D						
Urine		A	A	A	A			A		
Vinylchloride	TR	A	A	A	A					
Steam	>100	B/D	D	D	A	A		A		
Hydrogen	TR	A	A	A	A	A	A	A		
Hydrogensuperoxid		A	A	A						
Acidity of Wine	I0	A			A					
	50	B								
Xylol	TR	A	B	B	A	B	A	B		
	TR/100	A	D	D						
Zinchloride	I0	B		A	A	A	A	A	A	
	37,5	D								
Zinc		A	A	A	A					

- A → Little or no change in weight and no damage
- B → After some time significant change in weight, possible discoloration, reduction in strength and possible light embrittlement
- C → Under certain conditions, e.g. if exposure to the reagent is brief, articles may sometimes remain serviceable
- D → Strongly attacked within a short time
- GL → Saturated aqueous solution (at 23°C)
- H → Commercial quality
- TR → Technical clean
- All information are without warranty and liability.
- Please see page 49 - Legal Notes.