

Chemical resistance of Hyperdesmo-D2K

Chemical	RESULT
Acetic acid 10%	tiny holes appear after 10 days
Acetone	soft after 10 days
Alcohol 10%	OK
Ammonia 10%	tiny holes appear after 20 days
Chloride 10%	OK
Chloride acid 10%	OK
Citric acid 10%	OK
Cresol	damaged after 5 days
Distilled water	OK
Drinking water	OK
Water (60-100°C)	OK
Ethyl glycol acetate	OK
Fatty acids	OK
Formic acid 10%	tiny holes appear after 8 days
Gasoline	OK
Hydrogen peroxide 10%	OK
Lactic acid 25%	OK
Sodium Hypochlorite 5-15 %	OK
Sodium Hydroxide 10%	OK
Hydrochloric Acid PH=2	OK

Test (duration 12 months)	The condition of surface after test	Results
Distilled water	Perfect	-
Drinking water	Perfect	-
Salt water	Perfect	-
Sulphuric acid 10%	Perfect	-
Perchloric acid 10%	Perfect	-
Azotic acid 10%	Perfect	-
Acetic acid 10%	10 days	Pointy destruction
Formic acid 10%	8 days	Pointy destruction
Lactic acid 25%	Perfect	-
Citric acid 10%	Perfect	-
Gallotannic acid	Perfect	-
Fatty acids	Perfect	-
Potassium hydroxide 10%	Perfect	-
Chlorohydric acid 10%	Perfect	-
Sugar solution 10%	Perfect	-
Sodium hydroxide 10%	Perfect	-
Ammonia NH ₃ 10%	20 days	Pointy destruction
Sodium hydroxide 3 %	Perfect	-
Hydric dioxide 10%	Perfect	-
Petroleum	Perfect	-
Methyl phenol	5 days	Destructed
Xylene	Perfect	-
Methylene chloride	1 day	Destructed
Ethyleneglicolacetate	Perfect	-
Acetone	10 days	Soft
Spirit 10%	Perfect	-

HYPERDESMO D-2K