Resilience list

The following list shows the media resistance of WIKO MS polymers to chemicals and other commonly occurring substances.

The resistance of products to chemicals can be influenced by numerous factors (including temperature, exposure time and, where applicable, pressure). For this reason, we recommend that you always carry out your own preliminary tests under the specific conditions in case of doubt.

MS POLYMER

GLUETEC GROUP

Chemical resistance

	Shore A hardness after x hours in chemicals/products % of organic hardness immediately after dry wiping				Shore A hardness after x hours in chemicals/products % organic hardness 24 hours after dry wiping			
	2h	**6h**	**24h**	**168h**	**2h**	**6h**	**24h**	**168h**
Acetic acid (CH3COOH)	74	60	45	28	79	83	68	43
Aceton	69	64	47	74	126	144	129	144
Antifreeze (organic acid technology)	88	89	72	74	88	103	87	76
Brake and clutch fluid	79	82	82	66	77	74	79	71
Butyric Acid	64	36	24	19	64	51	46	35
Cif (creme)	78	72	68	58	90	95	89	89
Cif degreaser	85	66	50	42	87	87	74	58
Citric acid	87	85	68	84	95	95	403	108
Distilled water	95	80	65	62	92	93	92	81
Dreft	83	79	61	61	85	100	95	74
Engine oil (mineral)	87	86	84	97	90	92	95	103
Engine oil (semi-synthetic)	89	89	87	92	97	100	95	89
Engine oil (synthetic)	82	82	79	108	90	100	89	114
Ethanol (C2H5OH)	82	59	45	26	74	97	97	87
Ethylene glycol	85	89	89	81	90	92	89	81
Hexane	82	54	51	22	121	154	141	127
Hydrochloride acid (HCl)	78	73	69	69	84	85	79	75
Hydrogen peroxide (H2O2)	83	74	68	32	89	95	87	59
IPA	89	71	61	47	84	108	111	103
Lactic acid	87	78	62	58	87	93	103	81
M E K (MeCOEt)	69	50	46	36	118	124	133	144
Mazout	84	79	61	39	82	92	76	50
Mineral Spirit	79	58	34	16	85	776	79	76
Mr. Proper	87	85	73	59	90	97	92	86
Nitric acid (HNO3)	82	72	62	29	87	85	72	39
Petrol,unleaded	45	33	38	36	108	133	138	142
Petroleum (for heating)	79	76	63	34	82	95	71	58
Phosphoric acid (H3PO4)	85	87	82	89	93	105	90	103
Sodium chloride (NaCl)	90	80	71	76	90	93	92	92
Sodium Hydroxide (NaOH)	92	82	84	68	87	97	95	84
Sodium hypochloride (NaClO)	95	87	71	76	92	97	92	95
Sugar solution saturated	92	84	85	71	87	97	92	87
Sulphuric (H2SO4)	92	88	82	79	100	95	100	105
Teak cleaner (de-grayer for outdoor wood)	105	89	52	95	116	122	113	111
Teak oil	74	62	49	43	74	82	73	49
Teak oil (waterbased)	72	59	50	28	79	90	74	44
Toluene	38	26	11	0	113	138	121	87
Universal cleaner	95	79	74	72	92	100	89	83
Vegetable Oil	87	92	82	78	87	92	89	84
Xylene (C6H5CH3)	45	40	19	3	108	151	141	108