

RESISTANCE KUNEX® TPE JOINT TAPES



Resistance of KUNEX® TPE joint tapes after 21 days residence time against bases, acids and aggressive substance.

Substance	Concentration (%)	TPE joint tapes Temperature up to app. 30°C
-----------	-------------------	---

Inorganic bases

Ammonia water	every	+
Potassium hydroxide solution	every	+
Sodium hydroxide solution	every	+

Organic bases

Aniline	every	?
Pyridine	every	+
Triethanolamine	every	+

Saline solution

Sodium chlorides	10	+
Nitrates	< 22	+
Sulfates	< 22	+
De-icing salt	Every	+

Inorganic acids

Nitric acids	50	+
Hydrochloric acids	25	+
Sulfuric acid	96	+

Organic acids

Formic acid	10	+
Benzoic acid	every	-
Butyric acid	5	+
Acetic acid	5	+
Tannic acid	every	?
Lactic acid	10	+
Oleic acid	every	?
Oxalic acid	every	+
Phthalic acid	saturated	-
Tartaric acid	every	+
Xylene	every	-

RESISTANCE KUNEX® TPE JOINT TAPES



Substances	Concentration (%)	TPE joint tapes Temperature up to app. 30°C
------------	-------------------	---

Miscellaneous

Waste water		+
Acetone		?
Petrol		?
Benzol		-
Bitumen		+
Brake fluid		+
Butanol		+
Chlorine water		+
Distilled water		+
Ethanol		+
Ethylene glycol		+
Formaldehyde		?
Glycerin		+
Semi-liquid manure		+
Fuel oil		?
Hydroperoxide	12	+
Isopropanole		+
Liquid manure		+
Lime milk		+
Sea water		+
Methanol		+
Mineral oil		?
Propionaldehyde		+
Lubricants (Shell Retinax A)		+
Soap solution		+
Silage waste water		+
Hydrogene peroxide		+
Sugar solution		+

Legend :

+ resistant

- not resistant

? to be proven in particular case

Chemnitz, 01.10.2018