



REIKU-Conduits made of Polyamide 12 and Polyamide 6 are compliant with:

- * REACh (Registration, Evaluation, Authorization of Chemicals)
- * RoHS (Restriction of the use of certain Hazardous Substances in electrical and electronic equipment)
- * PWIS-free (free from Paint Wetting Impairment Substances)
- * PAH-free (free from Poly-Aromatic Hydrocarbons)
- * PFOS-free (free from Per Fluor Octan Sulfat)

REIKU-Conduits defined properties of Polyamide 12 and Polyamide 6

- UL Standards - UL94 V-2 , UL 514B, UL746A
- CSA Standards - CAN/CSA C22.2 / C22.2-No.211.0-03 and No. 18.3-04
- ASTM Standards- D2444-99/D5025-99/D5207-98/D5423-93/G155-00ae-1
- Heating value >7-10 kWh/kg
- Temperature Rating -104 F to 221F(40C to +105 C) +302F (105C) for short term
- UV-resistance by black coloured articles. Acc. to ASTM D 2565 after 2000 hours no alterations concerning optic and mechanic.
- Electric strength 27 kV/mm
- Volume resistivity 10^{13} Ohm*cm
- Oxygen index acc. to DIN EN ISO 4589-2:2006 >28% (HL3)
- Smoke Gas index acc. to EN ISO 5659-2 <300 (HL3)
- Toxicity acc. to NF X70-100:2001 is 0,36 (HL4)



REIKU-Conduits are Resistant to the Following

Acetone	Fruit juice	Silica, aqueous
Ammonia	Glycol	Soap solution
Aromatic epoxy resin acrylate	Glucose, aqueous	15% Sodium nitrat solution
Arsenic acid, aqueous	Glycerine, aqueous	Sodium chloride
Beer	Heating oil	Spark Erosion Liquid
Benzine	Hydraulic oil	Starch, white
Benzol	Hydrogen	Stearic acid
Borax, aqueous	Hydrogen peroxide	Styrol
Butane, gaseous	Hydrogen Sulfide	Tallow
Calcium chloride, aqueous	Hydropropyl-Methacrylate	Toluol
Caustic potash solution, aqueous	Kerosene up to 85°C	Turpentine
Carbon disulphide	Minerale oil	Transformer oil
Potassium Cyanide, aqueous	Monoalkyl-, -aryl-, -alkylaryl	Trimethylpropane Trimethylacrylate
Diesel oil	Nitrol	Urine
Dodecyl Methacrylate	Ozone (conditionally permanent)	Vinegar and acetic acid, aqueous
Ester oils up to 60°C	Paraffin (waxy compound)	Washing / cleaning agent, diluted
Ethyl ether	Petroleum	Xylol
Ethylacetate	Propane, liquid	