

Chemical Properties

Possible Wetelen-Monofilaments chemical properties for the materials: **PE, PP, PA 6, PA 6.6, PA 12 and PET**

Caption:

+ resistant **0** limited resistant **-** not resistant



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Materials	PE		PP		PA 6		PA 6.6		PA 12		PET	
	20°	60°	20°	60°	20°	60°	20°	60°	20°	60°	20°	60°
Acetic acid 40 %	+	+	+	+	0	0	0	0	-	-	+	+
Acetone 100 %	+	+	+	+	+	+	+	+	+	+	0	-
Ammoniac, concentrated	+	+	+	+	+	0	+	0	+	+	+	+
Aniline	+	+	+	+	0	0	0	0	0	0	-	-
Benzoic Acid	+	+	+	+	+	-	0	-	+	+	+	
Borax	+	+	+	+	+	+	+	+	+	+	+	+
Brake fluid	+	+	+	+	+	0	+	0	+	+	+	+
Calcium chloride	+	+	+	+	+	+	+	+	+	0	+	+
Caustic potash 50 %	+	+	+	+	+	+	+	+	+	+	+	+
Citric acid	+	+	+	+	+	+	+	+	+	0	+	+
Copper salts	+	+	+	+	0	0	0	0	-	-	+	
Diesel oil / Kerosene	+	+	+	+	+	+	+	+	+	+	+	0
Dry salt	+	+	+	+	+	+	+	+	+	+	+	
Formic acid 98 %	+	+	+	0	0	-	-	-	0	-	+	+
Fruit juice	+	+	+	+	+	+	+	+	+	+	+	
Gasoline, regular	+	+	+	+	+	+	+	+	+	+	+	0
Glycerine 100 %	+	+	+	+	+	+	+	+	+	+	+	+
Glycol	+	+	+	+	0	0	0	0	+	+	+	+
Hexane	+	0	+	0	+	+	+	+	+	+	+	+
Hydrochloric acid 100 %	+	+	+	+	-	-	-	-	-	-	-	
Iron salts	+	+	+	+	-	-	-	-	+	+	+	
Lactic acid 90 %	+	+	+	+	+	-	+	-	0	-	+	
Laundry detergent	+	+	+	+	+	+	0	0	+	+	+	
Mercury	+	+	+	+	+	+	+	+	+	+	+	+
Motor oil	+	+	+	0	+	+	+	+	+	+	+	+
Nitric acid 25 %	+	+	+	-	-	-	-	-	-	-	+	0
Paraffin 100 %	+	+	+	+	+	+	+	+	+	+	+	
Petroleum	+	0	0	-	+	+	+	+	+	+	+	+
Phosphoric acid 58 %	+	+	+	+	-	-	-	-	-	-	+	+
Sea water	+	+	+	+	+	+	+	+	+	+	+	
Silicone	+	+	+	+	+	+	+	+	+	+	+	+
Sodium chloride	+	+	+	+	0	0	-	-	0	0	+	+
Stearic acid	+	0	+	0	+	+	+	+	+	0	+	0
Sulphuric acid 50 %	+	+	+	+	-	-	-	-	-	-	+	+
Tar	+	0	+	0	+	0	+	0	+	+	+	+
Tartaric acid	+	+	+	+	+	0	+	0	+	0	+	+
Toluene	0	-	0	-	+	+	+	+	+	0	+	+
Turpentine	+	0	-	-	+	+	+	+	+	0	+	
Urea	+	+	+	+	+	+	+	+	+	+	+	+
Zinc acid	+	+	+	+	0	0	0	0	-	-		

Resistance to other chemicals and media upon request. In principle, all specifications are without guarantee.