

Chemical resistance of BRYNJE PU boots and their concentrations:

CHEMICAL RESISTANCE					
MATERIAL	single density sole (d = 600 g/L), polyester based polyurethane				
CHEMICAL CLASS	CHEMICAL	CLASSIFICATION			
		A	B	C	D
ORGANIC ACIDS	ACETIC ACID 5 %	X			
	ACETIC ACID pure			X	
	CITRIC ACID 10 %		X		
	FORMIC ACID				X
	OLEIC ACID		X		
	PERFLUOROACETIC ACID 5 %				X
MINERAL ACIDS	CHROMIC ACID 10 %				X
	HYDROCHLORIC ACID 3 %		X		
	HYDROCHLORIC ACID 10 %				X
	HYDROFLUORIC ACID 5 %				X
	NITRIC ACID 10 %				X
	PHOSPHORIC ACID 5 %		X		
	PHOSPHORIC ACID, conc,				X
	SULPHURIC ACID 2 %		X		
ALKALIS	AMMONIA				X
	AMMONIUM HYDROXYDE 10 %		X		
	POTASSIUM HYDROXIDE 10 %				X
	SODIUM HYDROXIDE 5 %		X		
	UREA			X	
ORGANIC SOLVENTS AND ALCOHOLS	ACETONE			X	
	BENZOL			X	
	DIMETHYLFORMAMIDE				X
	ETHER	X			
	ETHYL ALCOHOL		X		
	ETHYL ACETATE			X	
	ETHYLENE GLYCOL	X			
	GLYCEROL	X			
	METHYLETHYL KETONE			X	
	TETRAHYDROFURANE				X
	TOLUENE			X	
XYLOL			X		
OILS	FUEL OILS		X		
	LINSEED OIL	X			
	MINERAL OILS	X			
	PARAFFIN OILS	X			
	VEGETABLE OILS		X		
	WOOD OIL	X			
SALTS SOLUTIONS	SODIUM CARBONATE 10 %		X		
	SODIUM CHLORIDE 10 %		X		
OTHERS	BLEACHES				X
	HYDROGEN PEROXIDE 5 %	X			
A = no effect or negligible B = slight effect C = detrimental effect or to be checked D = destructive effect Test conditions according to DIN EN ISO 20344 part 8.6					

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