

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	SULPHURIC ACID 10 %				X
	AMMONIA				X
	AMMONIUM HYDROXYDE 10 %		X		
	POTASSIUM HYDROXIDE 10 %				X
	SODIUM HYDROXIDE 5 %		X		
ORGANIC SOLVENTS AND ALCOHOLS	UREA			X	
	ACETONE			X	
	BENZOL			X	
	DIMETHYLFORMAMIDE				X
	ETHER	X			
	ETHYL ALCOHOL		X		
	ETHYL ACETATE			X	
	ETHYLENE GLYCOL	X			
	GLYCEROL	X			
	METHYLETHYL KETONE			X	
	TETRAHYDROFURANE				X
OILS	TOLUENE			X	
	XYLOL			X	
	FUEL OILS		X		
	LINSEED OIL	X			
	MINERAL OILS	X			
	PARAFFIN OILS	X			
SALTS SOLUTIONS	VEGETABLE OILS		X		
	WOOD OIL	X			
OTHERS	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

The data contained in this document as well as advice or other support services are based on our current knowledge and experience. In view of many factors that may affect processing and application of our products, this data does not relieve processors from carrying out their own investigations and tests, particularly with regards to the suitability of the goods supplied for the processes and purposes they intend to use them for; neither does this data imply any guarantee of certain properties, or the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, measured values etc. given herein may change without prior notice and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.