Kartell SpA DIVISIONE LABWARE	TECHNICAL DATA SHEET ITEM 553	Mod. AQ 001 Rev. 0 del 25/09/2003

TECHNICAL SPECIFICATIONS

Trade Name	Dessicator plates
Use	Extremely useful as a support for crucibles, Petri dishes etc.
Material	Polypropylene PP
Other Features	Use at room temperature. Not suitable for use with hot crucible

DIMENSIONAL SPECIFICATIONS

Diam. X depth mm	7X238
Essicator	554



GENERAL FEATURES

CE Mark	No

STERILIZATION

Autoclavability + 121°C	Yes
Gas (Ethylene Oxide)	Yes
Dry Heat (+160°C)	No
Chemical (Formalin)	Yes
Irradiation	Yes
Microwave	Yes

CLEANING OPERATIONS

Slight contamination	Wash with neutral detergent (pH 7)
Consistent contamination	Wash with alkalin detergent (pH up to 12)

Quality Assurance
Massimiliano Capitanio

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CHEMICAL RESISTANCES

Categories of substances	Reference	Concentrazione %	T. 20° C	T. 40° C	T. 60° C
Inorganic Acid	Sulphuric acid	98	B	C	
Organic Acid	Benzoic acid	100	A	B	B
Alcohol	Ethanol	100	A	A	A
Aldehydes	Acetaldeyde	100	B	C	
Inorganic alkali	Isodium hydroxide	50	A	A	A
Organic alkali	Aniline	100	A	B	C
Ketone	Acetone	100			
Esther	Ethyl acetate	100	B	B	C
Hydrocarbons, halogenated	Dichloroethylene	100	C		
Hydrocarbons, aromatic	Benzene	100	B	C	
Hydrocarbons, linear	Hexane	100	B	B	C
Supersolvent	Tetrahydrofuran	100	B	B	C

Legenda (not applicable if neglected):

- **A: fair resistence;** exposure (30 days) to the chemical does not cause any damage.
- **B: sufficient resistence;** exposure causes damage of poor importance, which sometimes is only temporary.
- **C: poor resistence;** exposure to chemical is not allowed, or causes immediate permanent damages.

Results of testing with reference materials are to be considered as indication: in case of specific use it is recommended to carry out preliminary testing.

Information about resistance of plastic materials to temperatures, steriization and washing treatments are based on bulletins issued by the Producers of raw materials , on literature data and on the experience gained in using the products

PACKAGING

Bag	10

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