

ESLON®-DC ESD

PMMA AC005AS

ESD-Standard

AC005AS I ● black opaque

CHEMICALS	Concentration %	A	B
Hydrofluoric acid	20	+	+
Hydrochloric acid	20	+	+
Sulfuric acid	50	+	+
Nitric acid	20	+	+
Phosphoric acid	85	+	+
Acetic acid	10	+	+
Caustic soda	30	+	+
Caustic potash	30	+	+
Hydrogen peroxide	30	+	+
Ammoniumfluoride	sat.	+	+
Pottasium chloride	sat.	+	+
Sodium chloride	sat.	+	+
Ammonia	100	+	+
Alcohols (Methyl, Ethyl)	100	+	+
Isopropyl alcohol <sup>1</sup>	100	+	+
Ketones (acetone, MEK)	100	-	-
Aromatics (benzene, toluene)	100	-	-
Esters (ethyl acetate, butyl acetate)	100	-	-
Halogens (Methylene chloride)	100	-	-
Formalin	100	-	-
Freon (TES)	30	+	+
Water	100	+	+
Washing-up liquid <sup>2</sup>		+	+
Glass cleaner <sup>3</sup>		+	+

## DESCRIPTION OF THE METHODS

**Method A:** Imersion condition:  
72 hours (23°C room temperature)

**Method B:** Applying of 5ml liquid  
and 12 hours of imersion

## EVALUATION OF THE METHODS

- ⊕ Not affected
- ⊖ Surface whitening and/or swelling of the base material

## REMARKS

- 1** Especially recommended cleaning solution
- 2** Composition of washing-up liquid: 15-30% anionic tensides, nonionic tensides: 5-15%, less than 5% amphoteric tensides
- 3** Composition of glass-cleaner: less than 5% anionic tensides, nonionic tensides, amphoteric tensides

[www.eslon-dc.de](http://www.eslon-dc.de)

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