

ESLON®-DC ESD
PVC

Comparison ESLON®-DC PVC ESD-Standard and ESD Hard Coat

CHEMICALS	Concentration %	ESD Standard		ESD Hard Coat	
		A	B	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 ¹	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 ²		+	+	+	+
Glass cleaner ³		+	+	+	+

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

- +
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- 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