

Test Report

Number: SHAH0158380301

Tests Conducted

7. BS EN 12875-1: 2005 MECHANICAL DISHWASHING RESISTANCE OF UTENSILS

As requested by the applicant, the submitted samples were subjected to the following test:

Sample description: HydroFlex 500 ml bottle -PFM241

Number of sample tested: Three (3) piece per style for test and one (1) piece for control sample per style.

Initial inspection: No any damage was found as sample received stage.

Number of cycle: Fifty (50) cycles.

Number of style: One (1) style.

Material type: Plastic

Classification: 0.

NOTE:

Analysis and Evaluation:

1. Visual check on criteria listed in Table 1. Use the guideline in Table 2 for evaluation.
2. Functional check (e.g. if the lid still fits on the container).
3. In case more than one sample was tested, the average of the single rating is summarized in an overall rating of all test samples to have a representative result.

Table 1 – Inspection criteria

Articles with or without decoration	Color ¹⁾	Gloss	Clouding	Resistant deposits and iridescent layers ²⁾	Other aspects
Ceramic tableware	+	+		+	+ ^{3) 4) 5)}
Glass, glass ceramic ware	+	+	+ ⁶⁾	+	+ ^{4) 5)}
Vitreous enameled tableware	+	+		+	+ ^{3) 4) 5)}
Plastic articles	+	+	+ ⁶⁾	+	+ ^{7) 3)}

Reference:

+ To be inspected.

- 1) If several colors are present on one article to be inspected, the color with the greatest change shall be chosen.
- 2) For the elimination of easily removable deposits.
- 3) E.g. crazing.
- 4) The adherence of decorations shall be tested by repeated wiping with a moist linen cloth under slight pressure.
- 5) Abrasion which is caused by friction during the dishwasher treatment shall be disregarded.
- 6) Transparent articles only.
- 7) Swelling, deformation, cracking or delamination.

Table 2 – Classification

Classification	Rating
0	No visible change
1	First discernible change
2	Clearly visible change

