

## Green Drain Product Test Report

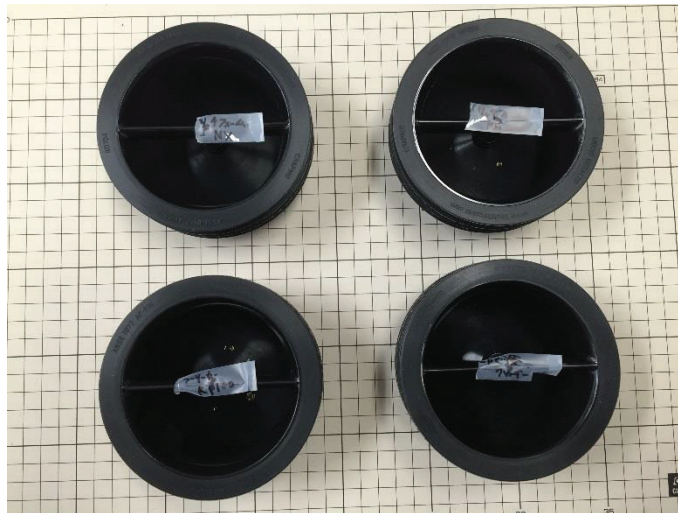
Test House: Tokyo Metropolitan Industrial Technology Research Institute

### Testing Method and Results

#### 1. Chemical Resistance Test

Method: Soak Green Drains in four different detergents commonly used by Ikari for 24 hours at 23 degree Celsius ( $23 \pm 2$  degree Celsius , humidity  $50 \pm 5\%$ )

- 1) Rich Foam NX (alkaline cleaner: dilution rate 5 times)
- 2) Rich Foam MF (sodium hypochlorite, alkaline cleaner: dilution rate 5 times)
- 3) Bleaker KT100 (fungicide, alkaline cleaner: dilution rate Undiluted)
- 4) Yudegama Cleaner (acidic cleaner: dilution rate 3 times)



#### Test Result

All test samples were rinsed with clean water and dried with paper towels then left for 24 hours for natural dry before inspection.

Mass Change Ratio (weight): +0.21%

Visual Inspection: No change in color nor shape. No sign of corrosion

Tactile Impression: No change

Harness Measurement (silicon skirt): No change

## 2. Thermal Shock Test

Method: Keep Green Drains in thermostat chambers at temperature peak -10 degree Celsius to 100 degree Celsius (process repeated for five times: MIL-STD-202G)



### Test Result

Visual Inspection: No change in color nor shape. No sign of corrosion

Tactile Impression: No change

Harness Measurement (silicon skirt): No change