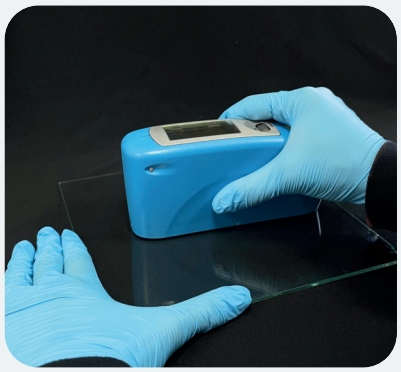
Grupo kosmo science

# HOME CARE

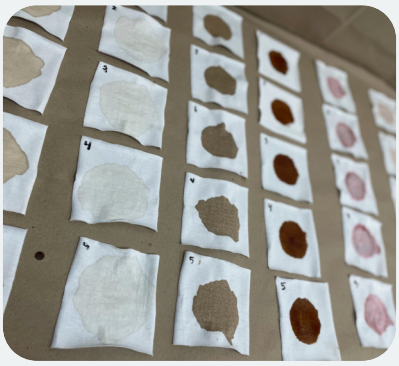
## HOUSEHOLD AND PERSONAL HYGIENE PRODUCTS


## HOUSEHOLD PRODUCTS

Dishwashing detergents (sink and dishwasher), Bleach, Alcohol, Disinfectants, Glass cleaners, Degreasers, Multipurpose cleaners, Scale removers, Oven cleaners, Wax, Oil, Furniture polish, Air fresheners.





## FABRIC CLEANING AND CARE

Liquid and powder soaps, Bar detergents, Pre-wash or treatment solutions, Fabric softeners, Fragrances for washing or drying clothes.





## PERSONAL HYGIENE AND CARE

Soaps, Foams, Deodorants, Toothbrushes, Dental floss, Sanitary pads, Wet wipes, HRIP for disposable diapers, Condoms.

# HOME CARE

## HOUSEHOLD AND PERSONAL HYGIENE PRODUCTS

## TECHNOLOGICAL PLATFORMS

Colorimetry | Spectrophotometry | Gravimetry | Acoustic Sensor | Reflectance | Infrared Spectroscopy | Volumetry | Optical Microscopy | Fluorescence Microscopy | Electron Microscopy | Sensory Analysis | Image Analysis | Mechanical Testing | Thermal Testing

### FABRIC EVALUATIONS

• Dirt and stain removal • Soil redeposition evaluation • Whiteness assessment • Color change – fading • Static charge evaluation in fabrics • Surface roughness/softness evaluation • Fabric softener substantivity • Scanning electron microscopy – fiber evaluation • Fabric mechanical properties • Performance • Fabric stretch resistance – ISO 20932-1 Method A • Enzymatic function • Tear resistance • Cleaning cloth performance by gravimetric analysis • Impurity permeability in textile fibers by gravimetry • Fabric fiber deposition on surfaces by image analysis

### SURFACE AND SUBSTRATE EVALUATIONS

• Dishwasher detergent performance • Glass cleaner efficiency • Degreaser cleaning performance • Multipurpose product evaluation • Gloss • Dust adhesion reduction • Surface static charge • Scale removal • Abrasivity: 'scratch-free' • Ceramic cleaning and protection • Anti-fog efficiency (fog reduction) • Residue evaluation and deposition

### ODOR NEUTRALIZATION | FRAGRANCE

• Reduction of odor perception: fabrics, environments, dishes, and utensils • Perfume intensity • Effect of soaps on hand odor removal

### RESISTANCE: ADHESIVES, RIGIDITY | SUBSTRATE FLEXIBILITY

• Evaluation of toothbrush bristle stiffness/softness ISO 22254:2005 (E) • Mechanical properties of dental floss • Nail polish: adhesion, drying time, gloss strengthening, color • Adhesive resistance evaluation of the film on VITROSKIN®

### CHARACTERIZATION AND SPECIFICATIONS

• Rheology • Immediate biodegradability (OECD 301 Method B) • pH evaluation • Material characterization by UV-Vis Spectroscopy • Material characterization by Infrared Spectroscopy • Characterization of element deposition on surfaces by SEM and EDS • Compatibility of lubricants with natural latex (ASTM D7661-23) • Packaging performance and spray angle

### DIAPERS AND SANITARY PADS

• Odor reduction • Absorption capacity and speed • Flexibility of sanitary pads

Copyright © 2025 Kosmoscience.
All rights reserved. This document may not be reproduced, in whole or in part, by any means or process, nor disclosed electronically without prior written authorization from Kosmoscience.

kosmoscience.com
kosmoscience
@grupokosmoscience