

Laboratory Accreditation Certificate

Geo Chem Middle East CPS L.L.C

This certificate specifies that the laboratory named above has been found competent to carry out the tests stated below in an accurate, competent and proficient manner:

| <u>Colour Fastness</u> | | Physical Performance | |
|--|--|--|--|
| TM1 | Fastness to Light | TM16 | Grab Strength/Seam Slippage |
| TM2 | Fastness to Washing | TM16a | Seam Slippage of Garment Seams |
| TM2a | Cross Staining to Washing | TM17 | Tear Strength |
| TM3 | Fastness to Dry Cleaning | TM18 | Martindale Abrasion |
| TM3a | Cross Staining to Dry Cleaning | TM18a | Abrasion Resistance for Flat Home Fabrics |
| TM4 | Fastness to Water | TM18b | Abrasion Resistance for Pile Home Fabrics |
| TM4a | Cross Staining to Water | TM19 | Pilling Resistance |
| TM5 | Fastness to Chlorinated Water | TM20 | Mass per Unit Area/GSM |
| TM6 | Fastness to Rubbing | TM21 | Extension and Modulus |
| TM43 | Phenolic Yellowing | TM21a | Extension and Recovery |
| TM48 | Fastness to Saliva | TM24 | Assessment of Easy to Iron Fabrics |
| TM51 | Fastness to Sea Water | TM25 | Wing Rip Tear Strength |
| TM52 | Fastness to Perspiration | TM27 | Breaking Strength |
| TM55 | Fastness to Oxidative Bleach | TM30 | Assessment of Non-Iron Fabrics |
| | | TM30a | Assessment of Seam Pucker |
| Dimensional Stability/Appearance Assessment after Laundering | | TM32 | Water Spotting |
| | | TM32a | Oil Spotting |
| TM7 | Print Durability | TM33 | pH of Aqueous Extract |
| TM7a | Embellishment Durability (Childrenswear) | TM37 | Button Strength |
| TM7b | Embellishment Assessment after 5 x label washes | TM38 | Bow and Skew of Fabrics |
| TM7c | Foil Durability | TM38a | Bow and Skew of Garments |
| TM8 | Durawash Appearance for Garments/Products | TM42 | Attachment Strength |
| TM9 | Appearance Assessment after Washing | TM42a | Security of Unattached Components |
| TM9a | Appearance Assessment after Dry Cleaning | TM45 | Handle Attachment Strength |
| TM11 | Polar Fleece Assessment | TM46 | Belt Buckle Strength |
| TM12 | Dimensional Stability to Washing | TM49 | Corrosion |
| TM13 | Spirality | TM50 | Towel Absorption |
| TM14 | Dimensional Stability to Dry Cleaning | TM58 | Moisture Management |
| TM36b | Stability & Appearance of underwired Lingerie | TM62 | Mass Per Unit Length |
| TM57 | Fray Rating | | |
| TM61 | Fibre Loss During Wash | | |
| TM63 | Fabric Width | | |
| TM64 | Ends and Picks | 101 | |
| TM65 | Courses and Wales | 1012 | |
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