



DYEING

LEVEGAL[®] MDL

Maximum dispersing & levelling agent

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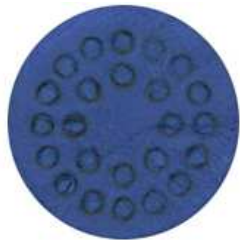
LEVEGAL[®] MDL

LEVEGAL[®] MDL is a specially designed dyeing auxiliary with a hybrid function of having both very good levelling and very good dispersing properties.

The balanced retarding effect on the dyes during critical temperature range guarantees a homogenous uptake of the dyes, an optimal dye yield and a high level of reproducibility.

The outstanding dispersing power of LEVEGAL[®] MDL improves the dispersing stability of the dyes and prevents agglomerations keeping the dyes in fine dispersed form at all stages. The risk of typical dye spots caused by agglomerated dyes will be minimized.

Below images show the extraordinary capacity of LEVEGAL[®] MDL in terms of improving dispersion stability.



**1.0 g/l
LEVEGAL[®] MDL**



**2.0 g/l
LEVEGAL[®] MDL**



**1.0 g/l
Competition product**



**Without
dispersing agent**

OPTIMIZE YOUR PROCESSES

LEVEGAL[®] MDL is the product for modern Right-First-Time processing

- * Dyeing PES fibres and PES/CEL blends under HT conditions on jet and overflow machines**
- * Dyeing PES yarn on package machines and PES piece on beam dyeing machines with high density**
- * Prevents filtration & agglomeration of dyes**
- * Stabilises dispersion dyes even under unfavourable conditions**

- * Dyeings with LEVEGAL[®] MDL have no negative impact on the lightfastness**
- * Suitable to use for automotive fabrics**
- * High electrolyte stability, so suitable for one bath two steps dyeing process.**
- * Guaranteed high level reproducibility**
- * Optimizes Right-First-Time processing**
- * Stable to alkaline allowing dyeing polyester under alkaline conditions**

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