

QUALITY PERSUADES.



QUALITY WORKS.

LANXESS
Energizing Chemistry

Baypure® DS 100 **Polyaspartic acid (PASP)**

Description

Dispersing and complexing agents are virtually all-around us in our daily lives. At home, in industry and crafts, wherever water is used, these additives are required so that water is used more efficiently. Nowadays, large amounts of water-soluble dispersing agents based on polycarboxylates are used all over the world, mainly in the detergent industry and for water treatment. The waste problem associated with these functional polymers is still largely unsolved.

Designed by nature **Baypure® DS 100** is a biodegradable scale inhibitor and dispersing agent and therefore an environmentally friendly alternative to polyacrylates.

Benefits

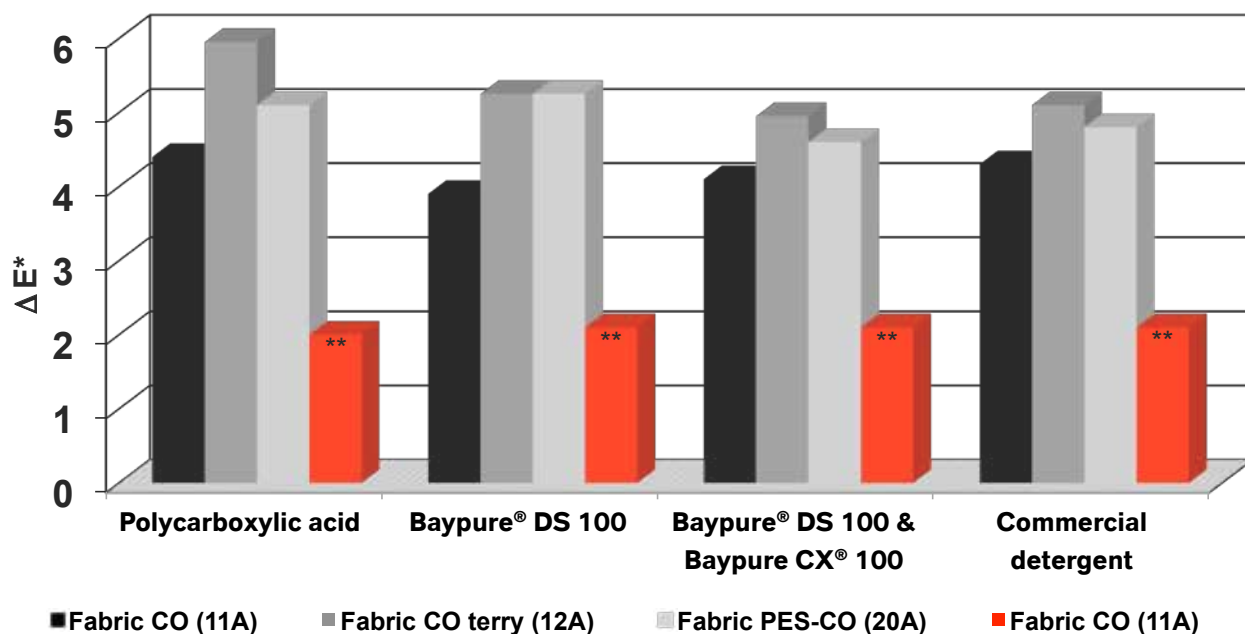
- Can be used as raw material in builder systems of various detergents
- Can be used in EU-Ecolabel products and White Swan labelled products
- TerraChoice and Safer Choice listed

Features

- Good calcium carbonate dispersing capacity
- Compatible with enzymes
- Stable against oxidizing agents and good peroxide stabilization properties
- Good anti-redeposition efficiency

X Baypure®

Test results for a comparative study with Baypure® DS 100 and standard polymer at a 5% dosage level in a phosphate free HDD formulation



* Δ E: Difference of reflection compared to simple water wash

** value of color fading

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Unless specified to the contrary, the values given have been established on standardized test specimens. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

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