

Styrofan[®] 7525

Polymer Dispersions for Construction

Chemical nature Styrofan[®] 7525 is an aqueous anionic dispersion based on styrene and butadiene

Properties

Physical form Liquid dispersion

Technical data
(no supply specification)

Solids content	%	Approx. 48
pH Value	-	7.0 – 9.0
Viscosity (RVT, Spindle #2, 20 rpm)	mPa·s	300 – 1000
Glass transition temperature	°C	Approx. -8

Application

Application areas Styrofan[®] 7525 is used to modify hydraulic binders, especially cement-based ceramic tile adhesives (CTA). It can be employed in normal-set and fast-set (F) products that need to meet the high standards of mechanical properties, e.g. tensile adhesion strength, transverse deformability, open time etc. This dispersion is applicable for other cement-based flexible mortar applications. Trials must be performed in advance for each specific application, because the performance of this dispersion is influenced to a large extent by the type of hydraulic binder and filler involved.

Processing Customers need to carry out their own trials when developing and processing products based on Styrofan[®] 7525. The compatibility of this dispersion with other materials within formulations, mixing processes, and its adhesion on different substrates, etc., are affected by a variety of factors. This also includes testing the stability of its viscosity when it is stored at temperatures of ca. 50 °C.

Technical Data Sheet

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. They do not constitute the agreed contractual quality of the product and, in view of the many factors that may affect processing and application of our products, do not relieve processors from carrying out their own investigations and tests. The agreed contractual quality of the product at the time of transfer of risk is based solely on the data in the specification data sheet. Any descriptions, drawings, photographs, data, proportions, weights, etc. given in this publication may change without prior information. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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This data sheet will be rendered invalid if it is superseded by a later version.

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BASF East Asia Regional
Headquarters Ltd
Dispersions & Resins Asia Pacific
45th Floor, Jardine House
No.1 Connaught Place, Central
Hong Kong
Tel: + 85 2 2731 7071
Fax: + 85 2 2731 5670
www.dispersions.asiapacific.basf.com