
TUBICOAT ACR 5541

Characterization

Self-crosslinking synthetic dispersion based on acrylate

Chemical Structure

Polyacrylate

Supplied Form

White liquid

Ionic character

Anionic

pH Value

5.5 – 7.5

Viscosity

< 500 cps

Storage

Protected from frost and stored in a cool place, the product will hold for at least 12 months.

Properties

TUBICOAT ACR 5541 forms a dry, hard and crystal-clear film. TUBICOAT ACR 5541 is applied for coating and finishing of textiles by means of the dipping technique. When drying at temperatures above 140°C a wash-resistant film is formed.

TUBICOAT ACR 5541 can be used in formulations (tablecloths, roller blinds, etc.) where high strength and washing fastness are required. Due to its hard film properties, product is especially suitable for hook&loop fastener tape applications.

Application

TUBICOAT ACR 5541 is used alone as synthetic dispersion and as mixture with dispersions that form a very soft, but often very tacky film. By doing so, the hardness, elasticity and tackiness of the film or the desired properties of the finish can be adjusted very easily.

TUBICOAT ACR 5541 can also be used very well as topcoat because of its dry handle, excellent results are achieved with good handle even if the lower layers are soft and tacky.

After adjusting to an alkaline pH value, TUBICOAT ACR 5541 can be thickened with synthetic thickeners such as TUBICOAT THICKENER LP 17.

TUBICOAT ACR 5541 can be applied by all common coating techniques such as knife, screen, spraying, foam or padding.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

Edition: June, 2024.

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com