

The DISPERBYK-TF Series – Tin-free Alternatives to Established Standard Wetting and Dispersing Additives

Various international industry standards restrict the use of wetting and dispersing additives that are manufactured using organotin compounds as catalysts. Sometimes the limits prescribed by the standard in question are so low that the catalyst mixture needs to be changed.

Examples of Relevant Industry Standards

- **IOS-MAT-0066: Surface Coatings and Coverings**
- **Toy Regulation EN 71-3 and EU 2009/48/EC**
- **NORSOK Standards**

Because these limits also apply to additives that have become the market standard because of their quality, BYK has used its production expertise to develop a catalyst mixture that avoids the use of organotin compounds and replaces them with other organometallic compounds. The different products manufactured in this manner are therefore unproblematic and meet the requirements of the aforementioned standards.

For differentiation purposes, "TF" for "tin-free" has been appended to the names of these new additives. They otherwise have the same names as the established standard additives, which are still available.

The new "TF" alternatives are the same as these standard additives in terms of their application. They are supplied in the same way and are produced on the basis of the same raw materials. Some additives are also HAPS-free.

Benefits of the TF Series at a Glance

- **Based on the same raw materials as the standard additives**
- **Offer comparable product performance**
- **Supplied in the same delivery form**
- **Meet current industry standards that restrict the use of organotin compounds**
- **Available without limitation like the standard additives**

The TF Series by BYK

Market standard	Tin-free alternative
DISPERBYK-162	DISPERBYK-162 TF*
DISPERBYK-163	DISPERBYK-163 TF
DISPERBYK-167	DISPERBYK-167 TF
DISPERBYK-168	DISPERBYK-168 TF**
DISPERBYK-2155	DISPERBYK-2155 TF
DISPERBYK-2163	DISPERBYK-2163 TF*

TF = (organo)tin-free

*HAPS-free solvent mixture

**Dibasic ester replaced by a reactive diluent





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Additive Guide



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