

TYTAN Titanates



RTV Sealants

BORICA

TYTAN™ Moisture Scavengers and Cross-linkers for Neutral Cure Silicone Sealants

TYTAN™, manufactured by Borica Co., Ltd. from Taiwan, is a leading range of Organo-Titanate based products for the world's Sealants manufacturing industry. These products act as combined cross-linkers, catalysts, moisture scavengers and modulus modifiers.

Borica is committed to providing sealant producers with a complete range of high quality products, good service and competitive prices.

TYTAN™ S-range products allow manufacturers of neutral cure RTV silicone sealants to strongly improve their products to meet the requirements set by today's challenging construction, automotive, aeronautic and electronic industries.

TYTAN™ S-range products offer:

- Extended shelf-life through moisture scavenging
- Faster curing through catalysis of hydrolysis of the methoxy terminated curing agents
- Increased modulus of elasticity through cross-linking with Si-OH functional groups
- Improved adhesion to various substrates

TYTAN™ range for Sealants

Product Name	Identification	Suitability	Benefits
TYTAN™ TNBT	Tetra n-Butyl Titanate CAS: 5593-70-4 EC: 227-006-8	<ul style="list-style-type: none"> ▪ RTV sealants ▪ Resin modifier 	<ul style="list-style-type: none"> ▪ High performance catalyst ▪ Non-toxic catalyst
TYTAN™ TTBT	Tetra t-Butyl Titanate CAS: 3087-39-6 EC: 221-412-9	<ul style="list-style-type: none"> ▪ Silicone resin 	<ul style="list-style-type: none"> ▪ High reactivity ▪ Reduced yellowing
TYTAN™ S2	Di-iso-Propoxyl Titanium Chelate (Ethylacetoacetate Titanate) CAS: 27858-32-8 EC: 248-697-2	<ul style="list-style-type: none"> ▪ RTV silicone sealants ▪ Catalyzes hydrolysis of Si-O-Me and cross-links Si-OH groups 	<ul style="list-style-type: none"> ▪ Improved build-up of physical properties ▪ Enhanced adhesion
TYTAN™ S3	Formulated S2	<ul style="list-style-type: none"> ▪ RTV silicone sealants ▪ Catalyzes hydrolysis of Si-O-Me and cross-links Si-OH groups 	<ul style="list-style-type: none"> ▪ Improved build-up of physical properties ▪ Enhanced adhesion
TYTAN™ S6	Di-iso-Butoxyl Titanium Chelate (Ethylacetoacetate Titanate) CAS: 83877-91-2 EC: 281-161-6	<ul style="list-style-type: none"> ▪ RTV silicone sealants ▪ Catalyzes hydrolysis of Si-O-Me and cross-links Si-OH groups 	<ul style="list-style-type: none"> ▪ Improved build-up of physical properties ▪ Enhanced adhesion ▪ Extended shelf-life ▪ Liquid at room temperature

For more information contact Borica Co., Ltd.
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