

AltroColor RT 9000 Reactive Tints are based on a polymeric colorants and have been developed particularly for the coloring of polyurethane systems, for instance foams, adhesives, castings compounds, elastomers etc.

Description

As our **AltroColor RT 9000 Reactive Tint Series** is based on a reactive polymeric colorants which has a chromophore, a full integration into your polyurethane system is ensured due to the direct reaction into the polyurethane polymer matrix. Therefore, the **AltroColor Reactive Tints** have no or only a little influence on the Shore hardness (depending on the type of hardener/variant used) nor on the other mechanical and chemical properties.

Chemical basis

- Reactive Polymer
- OH-value: 75 - 95 mg KOH/g (depending on the polymer)

Incorporation

We recommend adding the **AltroColor Reactive Tints** to the component **A** and to homogenize thoroughly with a suitable stirrer.

Recommended dosages (related to component A)

PU Foams	0.2 to 3.0 %
TPU or Casting PU	0.1 to 1.0 %

Packaging

250 g | 1 kg | 10 kg | 25 kg | 1000 kg

Storage | shelf life

We recommend keeping the material cool and dry in tightly closed original receptacles at temperatures of 15 - 25 °C. When duly stored, the material can be used for 12 months.

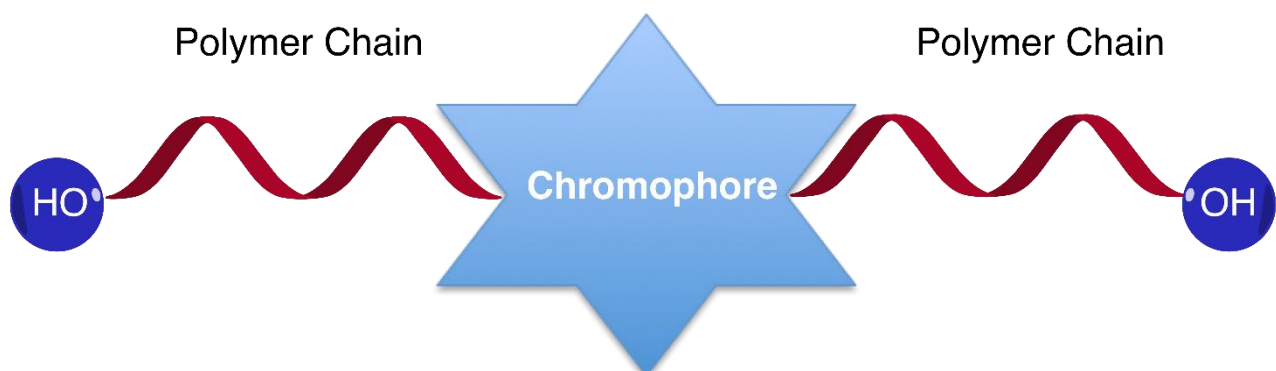
AltroColor		OH-Value [mg KOH/g]	Viscosity at 20 °C [mPas]
RT 9001	black FS	85 ± 5	2000 ± 750
RT 9002	blue FS	89 ± 5	1500 ± 500
RT 9003	red FS	83 ± 5	1200 ± 500
RT 9004	yellow FS	86 ± 5	1750 ± 500
RT 9005	violet FS	82 ± 5	2500 ± 750
RT 9012	orange FS	85 ± 5	3000 ± 1000

Key Features of AltroColor RT 9000 Reactive Tints

- ✓ High color strength
- ✓ No sedimentation
- ✓ No effect on PU system
- ✓ Excellent compatibility
- ✓ No migration
- ✓ Solvent- and heavy metal-free
- ✓ Good solvent resistance
- ✓ Easy clean-up due to solubility in water
- ✓ Outstanding rheological properties

Measure of precaution

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.



Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer / user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.

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