

AltroColor PU 1900 Color Pastes are based on a polyol ether binder and have been developed particularly for the coloring of polyurethane **ether** systems

Description

As our **AltroColor PU 1900 Color Paste Series** are based on a reactive/crosslinkable binder, a full integration into your polyurethane system is ensured.

Therefore, the **AltroColor Color Pastes** 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

- polyether polyol
- OH-value: 10 - 40 mg KOH/g (depending on the pigment content and/or color shade)

Incorporation

We recommend adding the **AltroColor Color Pastes** to the component **A** and to homogenizing thoroughly with a suitable stirrer.

Recommended dosages (related to component A)

Normal, covering opaque applications	5.0 %
Transparent semi-transparent applications	0.5 to 2.5 %
Max. dosage	10.0 % (consider OH-value)

Form of delivery

AltroColor Color Pastes are available as pre-formulated color shades (e.g. RAL Classic, RAL Design, NCS etc.) or as mono-pigmented pastes for mixing systems.

Further color shades, also made to customers' sample, are available on request.

Packaging

250 g | 1 kg | 5 kg | 25 kg | 200 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. Before using the color pastes, stir up the content of the receptacle thoroughly. After use, close the receptacle again.

Description	Color Index ⁽¹⁾	T _{max} ⁽²⁾	Lightfastness ⁽³⁾	Weather Fastness ⁽⁴⁾	
PU 1900	black	[OR] - PBk 7	300 °C	8 8	5 4-5
PU 1905	white	[IO] - PW 6	> 300 °C	8 8	5 5
PU 1906	oxide black	[IO] - PBk 11	180 °C	8 8	5 5
PU 1907	oxide yellow	[IO] - PY 42	180 °C	8 8	5 5
PU 1908	oxide red	[IO] - PR 101	300 °C	8 8	5 5
PU 1909	chrome green	[IO] - PG 17	300 °C	8 8	5 5
PU 1910	ultramarine blue	[IO] - PB 29	> 300 °C	8 8	5 4-5
PU 1911	light-yellow	[IO] - PY 184	200 °C	8 8	5 5

(1) [IO] inorganic; [OR] organic

(2) All indicated values relating to thermal stability, light fastness and weather fastness were adopted from the pigment producer and are to be regarded as references only. We strongly recommend carrying out tests on your own!

(3) Lightfastness [full tone | brightening]: evaluation as per 8-stage blue scale: 1 - very bad | 8 - excellent

(4) Weather fastness [full tone | brightening]: evaluation as per 5-stage grey scale: 1 - very bad | 5 - excellent

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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