

# Technical data sheet

280 942 – Stain

Solutions for Structural Ceramics

|             |   |
|-------------|---|
| Color shade | Violet  |
| Use         | Glazes  |
| Application | Miscible with other Co- and Sn-containing stains. Suitable for Ca- and Pb-containing glazes, less suitable for glazes rich in B and Zn. Reducing contaminations (i.e. SiC, C, Al, Fe etc.) lead to local discolouration (white spots). Dispersible. |
| Storage     | Stains should be stored in a dry place. Partly used tins must be tightly sealed after use.  |
| Environment | Waste material treatment, environmental health and safety protection has to follow the local regulations and legislation.   |

## Chemical Characterisation

|                   |             |
|-------------------|-------------|
| System            | SnCr        |
| Crystal structure | Cassiterite |

## Physical Characterisation

|                                      |  |
|--------------------------------------|--|
| Color Measurement [CIELAB, D65, 10°] | dE <1,0                                      |
| Grain size [µm]                      | D50: ~ 3,91<br>D90: ~ 8,35                   |
| Sieve residue                        | 32 µm <0,1 %<br>- - µm - - %<br>- - µm - - % |

## Firing condition

|                         |            |
|-------------------------|------------|
| Firing temperature [°C] | up to 1250 |
| Atmosphere              | oxidising  |

Comment \* - -

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