



## TECHNICAL INFORMATION

### Technische Information - ZnS - pigment grade

#### GENERAL INFORMATION

Name:	Zinc sulfide, pigment grade, ZnO-free
Formula:	ZnS
Application:	Additive in colors, lubricants and plastics

#### PHYSICAL PROPERTIES

Specific density:	4.1 g/cm <sup>3</sup>
Crystal structure:	Cubic, F-43m (SG: 216)
Particle size distribution :	

property \ type	LP-V01-20 ZnS / 11P	LP-V01-21 ZnS / 12P
d10	0.5 µm	0.5 µm
d50	0.8 µm	0.8 µm
d90	1.4 µm	1.4 µm
QD <sub>75</sub>	0.20	0.20

Body color:

property \ type	LP-V01-20 ZnS / 11P	LP-V01-21 ZnS / 12P
L*	94.0	94.0
a*	0.45	-0.85
b*	4.80	4.25

#### CHEMICAL PROPERTIES:

pH value:	6.5 to 7.5
water:	< 0.5 %

The data of this Technical Information are based on a large number of testing and are considered to be typical values. Pretensions to guarantee cannot be deduced from it.

In some cases it is possible to shift material properties according to the costumers demand.