



PRODUCT INFORMATION

Zinc sulfide, pigment grade

GENERAL

Name:	zinc sulfide, pigment grade
Formula:	ZnS
Application:	additive in colors, lubricants, plastics

PHYSICAL PROPERTIES

Body color:	white
specific gravity:	4.1 g cm ⁻³
crystal structure:	cubic, F-43m (SG: 216)

typical value	type	ZnS / 2P	ZnS / 5P*	ZnS / 10P	ZnS / 10P-D
D10		5,0 µm	0,7 µm	0,5 µm	0,5 µm
D50		9,7 µm	1,6 µm	0,8 µm	0,8 µm
D90		13,1	5,1	1,4 µm	1,4 µm
D99		15,1	12,0	2,2 µm	2,2 µm
QD ₇₅		0.15	0.55		
Bulk density		0.8 g/cm ³	0.75 g/cm ³		
stomping volume		80 ml/100g	85 ml/100g		

CHEMICAL PROPERTIES:

Chemical analysis:

pH value:	6.0 to 7,2
water:	< 0.5 %

* ZnS / 5P: no standard product, limited availability

The data of this publication result from a large number of testing and are considered to be typical values. Pretensions to guarantee cannot be deduced from it.

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