

## Specification and analysis report of ASTM D520 Type II

The zinc dust pigments of ROVAL products comply with ASTM D520 Type II.

The specifications and analysis results are as follows.

\* ASTM D520: Standard Specification for Zinc Dust Pigment

[ Specification and analysis result ]

Characteristic	Unit	Specification	Analysis
Total zinc	%	min. 98	99.0
Metallic zinc	%	min. 94	96.5
Calcium (CaO)	%	max. 0.7	< 0.001
Lead (Pb)	%	max. 0.01	0.002
Iron (Fe)	%	max. 0.02	0.001
Cadmium (Cd)	%	max. 0.01	0.001
Chlorine (Cl)	%	max. 0.01	< 0.01
Sulfur (SO <sub>2</sub> )	%	max. 0.01	< 0.01
Moisture and other Volatile Matter	%	max. 0.10	0.01
Oily or fatty matter, or both (Matter Soluble in Hexane)	%	max. 0.05	< 0.01
Zinc Oxide (ZnO)	%	Reminder	3.1
Coarse particles Total residue retained on a 45-µm	%	max. 3.0	0.01