

SPZ-35

Micronized calcium carbonate

DOCUMENT NO.

SPZ-35-CS-001

REVISION

01

ISSUE DATE

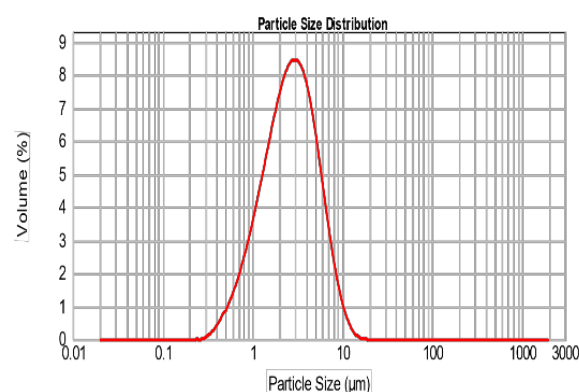
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1. Product Identification

Item	Specification
Product grade	SPZ-35
Product type	Micronized calcium carbonate
Manufacturer	Sepid Poudre Zagros

2. Typical Particle Size Characteristics

Parameter	Typical Value	Method / Basis
D10	0.968 μm	Malvern Mastersizer 2000
D50	2.629 μm	Malvern Mastersizer 2000
D90	6.082 μm	Malvern Mastersizer 2000
D98	7.2 μm	Particle size distribution
Particles < 2 μm	38 %	Volume distribution
Span	1.946	Malvern Mastersizer 2000
Specific Surface Area	3.08 m^2/g	Malvern Mastersizer 2000



Particle size distribution profile corresponding to the supplied Analysis 14 measurement.

3. Typical Chemical Composition of Raw Material

Component	Typical Content
CaCO_3	98.0 %
MgCO_3	1.5 %
Fe_2O_3	0.2 %
HCl insoluble content	0.15 %

4. Typical General Product Data

Parameter	Typical Value	Unit
Moisture ex works	0.2	%
Packed bulk density	0.95	g/ml
Oil absorption	18	g/100g
DOP absorption	20	g/100g

Chemical values are typical raw-material composition values and are not a batch-specific Certificate of Analysis.

5. Main Applications

Plastics & PVC compounds • Masterbatch • Rubber compounds • Paints & coatings • Adhesives and sealants

The values stated in this TDS are typical product characteristics and are provided for technical guidance. Actual values may vary within normal production tolerances. For contractual specifications, please contact Sepid Poudre Zagros.