SEPPE
INDUSTRIAL MINERALS SOLUTIONS

TECHNICAL DATA SHEET

CenoLite 910

Coating Grade

TYPICAL PRODUCT DATA

Rev. 4.8 | Created 10.05.2016 | Revised 01.09.2026

MATERIAL INFORMATION

Generic Name	CenoLite 910	CAS No.	93924-19-7
Function	Coating Extender	Manufacturer	SEPPE Technologies

DESCRIPTION

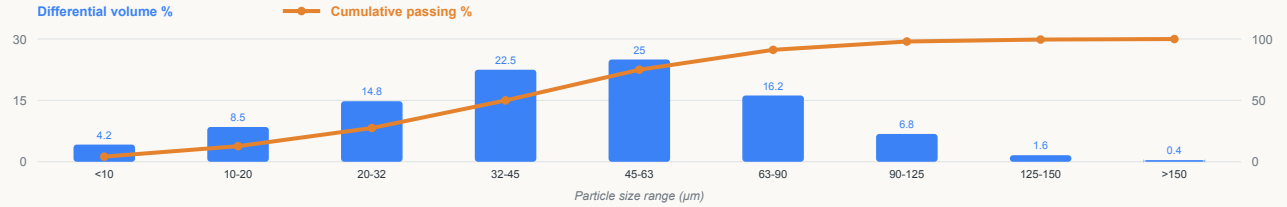
Cenosphere, hollow ceramic (aluminium-silicate) microsphere.

COATING GRADE - QUALITY CONTROL PARAMETERS

Test Parameter	Test Method	Specification
Particle Size Distribution	ISO 13320:2020 Laser Diffraction	D50: 45–60 µm D98: 105–140 µm
pH Value	ISO 787-9:2019 10% Aqueous Suspension	7.0 ± 1.0
Iron Content (reported as Fe_2O_3)	X-Ray Fluorescence (XRF)	<6%
True Density (Particle Density)	ISO 12154:2014 Gas Displacement Pycnometry	0.70–0.95 g/cm³
Moisture Content (Matter Volatile at 105°C)	ISO 787-2:2021 105°C, 2 h	≤0.3%
Chemical Composition	X-Ray Fluorescence (XRF)	SiO_2: 55–65% Al_2O_3: 27–33%
Dispersion Test	High-Speed Mixing + Hegman Gauge (agreed coating system)	No agglomeration; uniform dispersion

PARTICLE SIZE DISTRIBUTION

ISO 13320:2020 | D50 45-60 µm | D98 105-140 µm



PACKAGING & DELIVERY

- 600 kg jumbo bags — approximately 40 bags per 40' High Cube FCL (total ~24 MT)
- 40' High Cube container recommended due to low bulk density (0.30-0.45 g/cm³)
- Custom packaging available upon request
- 10-year shelf life when stored in dry conditions

Department: SEPPE Test Center	Technical Coordinator: Wang Te	Approved by: Geng Heng