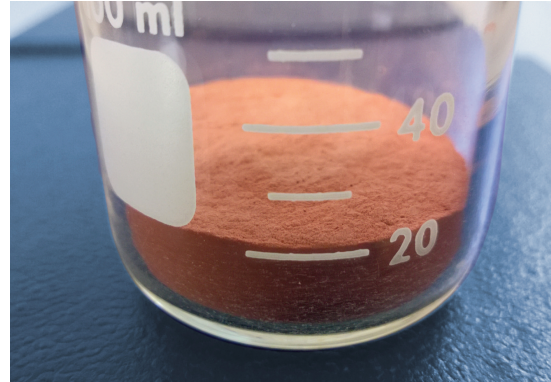


Ceroxid HD R0511



Red - brown powder

Application:

- = for polishing wheels
- = for suspension polishing;

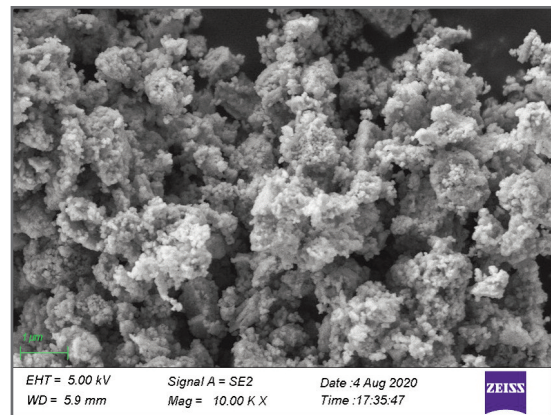
Fine polishing optical lens, optical filter; fiber port, LCD conductive glass, for very low roughness operation, glass abrasion hardness 250-400 Aa

Physical parameters:

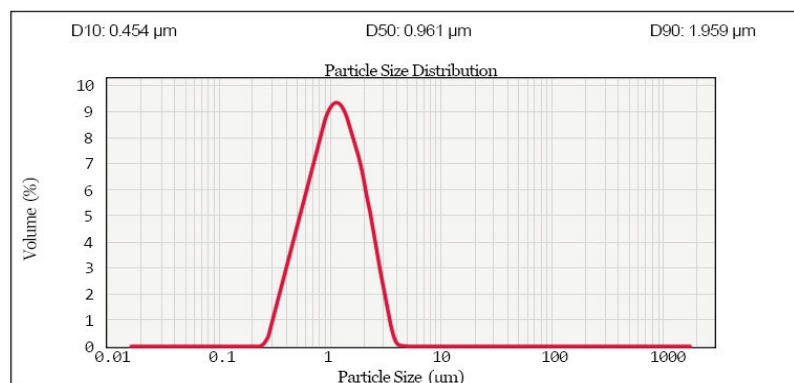
PSD d50 laser	0.5-1.0 micron
PSD d90	≤ 3.0 micron
pH-value suspension	6-8
Surface area SSA(BET)	typ. 7.3m ² /g

Chemical analysis

CeO ₂ , REO	60-70%
La ₂ O ₃ ,	30-40%
Pr ₆ O ₁₁	≤ 5%
Total rare earth oxide:	
CeO ₂ ,La ₂ O ₃ ,Pr ₆ O ₁₁ :TREO	≥90.0%
Loss on ignition	<0.5%



SEM Ceroxid HD



Ceroxid HD R0511 PSD laser particle size distribution analyzer



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