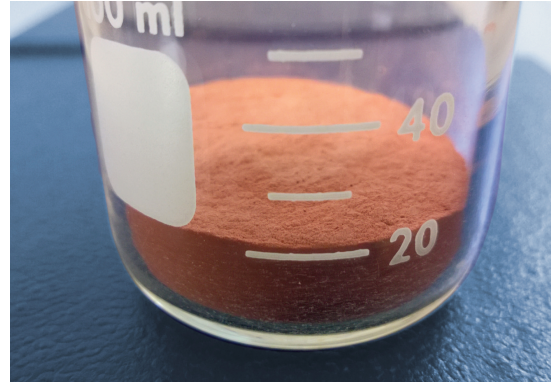


**Ceroxid HD R1016**



**Red - brown powder**

**Application:**

- = for polishing wheels
- = for suspension polishing;

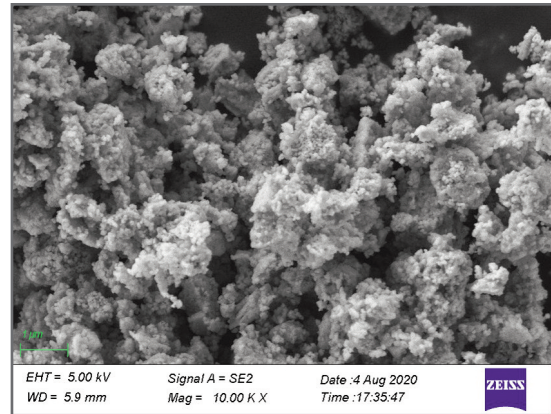
*Precision optical glass, other glass low and medium abrasion hardness, glass abrasion hardness 150-280 Aa*

**Physical parameters:**

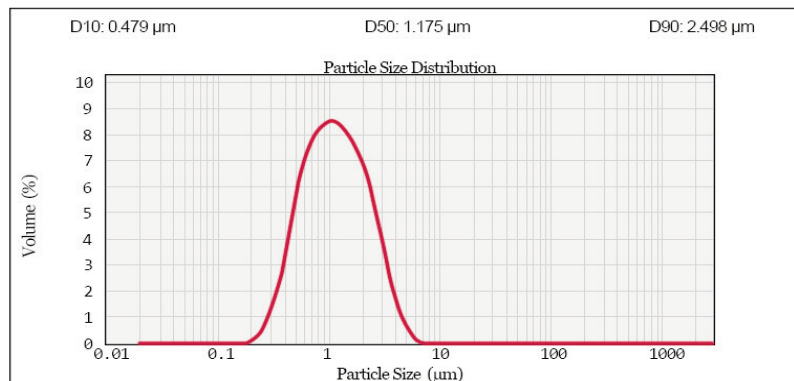
<b>PSD d50 laser</b>	<b>1.0-1.5 micron</b>
<b>PSD d90</b>	<b>≤ 3.5 micron</b>
<b>pH-value suspension</b>	<b>6-8</b>
<b>Surface area SSA(BET)</b>	<b>typ. 6.5m2/g</b>

**Chemical analysis**

<b>CeO<sub>2</sub>, REO</b>	<b>60-70%</b>
<b>La<sub>2</sub>O<sub>3</sub>,</b>	<b>30-40%</b>
<b>Pr<sub>6</sub>O<sub>11</sub></b>	<b>≤ 5%</b>
<b>Total rare earth oxide:</b>	
<b>CeO<sub>2</sub>,La<sub>2</sub>O<sub>3</sub>,Pr<sub>6</sub>O<sub>11</sub>:TREO</b>	<b>≥90.0%</b>



**SEM Ceroxid HD**



**Ceroxid HD R1016 PSD laser particle size distribution analyzer**



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