

### Technical Data Sheet: Ceramic Pigment/Filler- Durafin10

At Orient Microsphere and Packaging, Nagpur, we're redefining Ceramics Pigment as a Durafin10. This versatile and innovative Fine Ceramic Pigment is exceptional resistance to abrasion, making it the ideal choice for your paint and coating projects.

Specification	Durafin10
<b>Physical Properties:</b>	
Average Particle Size (Micron)	5 to 10
500 Mesh Residue (%)	0.01% max
Specific Gravity (g/cc)	2.2 to 2.3 g/cc
Bulk Density (g/cc)	0.45 to 0.60 g/cc
Appearance	off white
Moisture (% by wt)	1-2% max
pH	7 to 8
Hardness Mohs Scale	5 to 6
Crushing Strength (psi)	3000-4500
Loss of Ignition (%)	0.1 to 0.5% max
Oil Absorption (g oil/100 g)	16-25
<b>Chemical Compositions:</b>	
SiO <sub>2</sub>	55 - 58
Al <sub>2</sub> O <sub>3</sub>	28 - 35
Fe <sub>2</sub> O <sub>3</sub>	2-6%
Alkalis	2% max
<b>Packaging</b>	
Standard	HDPE jumbo bags with 100% dust-proof
Custom	As per Buyer's request

*\*Additional grades- Per customer requirement*