

Data Sheet

Zincox™ 10-40sh

ZnO, 40% solids content in hexanedioldiacrylate

Technical Data – Zincox™ 10-40sh			
Properties ZnO powder			Testing method
Specific surface area	[m ² /g]	60 ± 5	BET
Primary particle size, d ₅₀	[nm]	10 ± 3	TEM
Purity ZnO	[wt.%]	> 99.0	ICP-OES
Properties suspension			
Fluid phase		hexanedioldiacrylate („HDDA“)	
Solids content	[wt.%]	40 ± 2	
Dispersing agent	[wt.%]	1...3	
Colour		transparent / brown	
Agglomerate size in suspension			
d ₁₀	[nm]	8 ± 3	
d ₅₀	[nm]	12 ± 3	
d ₉₀	[nm]	25 ± 5	

The fluid phase and the ZnO concentration of the Zincox™ 10 suspension can be optimized for particular customer needs.