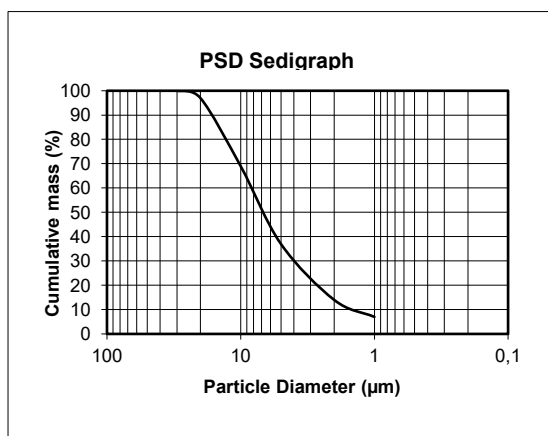


Technical Data Sheet PLUSTALC H25



MINEROLOGY	Talc, Mg-Silicate		95	%
	Residue, magnesite and chlorite			
	CAS-No. 14807-96-6	EINECS-No 238-877-9		
CHEMICAL PROPERTIES	MgO	XRF	31.5	%
	SiO ₂	XRF	60.0	%
	Al ₂ O ₃	XRF	0.6	%
	Fe ₂ O ₃	XRF	0.6	%
	Fe acid soluble	1 mol/l HCl, 100 °C	< 0.1	%
	Loss on ignition	DIN 51081/1000 °C	7.5	%
	pH value	ISO 787/9	9	
OPTICAL PROPERTIES	Whiteness Ry	DIN 53163	92.5	%
	Refractive index	Mallard	1.57	
	CIE L*, a*, b*	DIN 6174	97.0/0.0/1.0	
PHYSICAL PROPERTIES	Particle size, D98	Sedigraph, ISO 13317	21	µm
	Median PS, D50	Sedigraph, ISO 13317	7.0	µm
	Fineness of grind	ISO 1524	50	µm
	Specific surface area	BET, ISO 4652	7	m ² /g
	Oil absorption	ISO 787/5	34	g/100g
	Hardness	Mohs	1	
	Bulk density	ISO 53468	0.4	mg/cm ³
	Moisture	ISO 787/2	0.2	%



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V01 Jan.2026