

Qprep Fine polishing suspensions

QPREP fine polishing suspensions are the polishing products of choice for the most demanding polishing requirements. This involves chemical mechanical polishing using silicon dioxide or aluminum oxide.



PRODUCT ADVANTAGES

- | Highest surface qualities
- | Removal of all deformation with vibration polishing
- | Polishing/removing scratches in the range of 0.1µm to 0.05µm

RECOMMENDED APPLICATIONS

- | Detailed microstructure analysis
- | Very soft or very hard and ductile materials

Item No.	Unit	Description		
FINE POLISHING SUSPENSIONS				
		Description	ph-value	Grain Size
		Fine polishing suspension (Al₂O₃) <ul style="list-style-type: none"> • does not crystallize • for ferrous materials, polymers, composites, PCB, rocks and minerals 		
92002534	1 l	Eposal	pH≈8.0	0.06 µm
		Colloidal silica <ul style="list-style-type: none"> • for polishing, also mixable with diluted etchant • for ferrous and non-ferrous materials, ceramics • especially for soft materials like Al,Cu,Ti and solder joints 		
92002536	1 l	Eposil F	pH≈9.5	0.1 µm
95013858	1 l	Eposil Non Dry	pH≈9.5	0.05 µm (does not crystallize)
95013958	10 l	Eposil Non Dry	pH≈9.5	0.05 µm (does not crystallize)
92002541	1 kg	Eposil M	pH≈9.5	0.06 µm
		Colloidal silica <ul style="list-style-type: none"> • for titanium, nickel, tin and its alloys 		
95001206	1 kg	Eposil M11	pH≈11.0	0.06 µm
		Water-free fine polishing suspension <ul style="list-style-type: none"> • e.g. for magnesium, zinc 		
95005033	1 kg	Etosil E	pH≈7.0	0.06 µm
ALUMINA SUSPENSION, CALCINATED				
		Description	Grain Size	
		Aqueous concentrate, to dilute, 3-5 part of dest. water		
92002533	1 l	Alumina suspension	0.3 µm	
92002532	1 l	Alumina suspension	0.6 µm	
92004950	1 l	Alumina suspension	1 µm	