

# Diamond Suspension



Aquapol is the next generation of **water based** diamond suspensions for sample preparation. Available in monocrystalline (AquaPol-M) and polycrystalline (AquaPol-P). Aquapol is easy to clean and non-foaming.

Low viscosity, high concentration, **oil based** suspensions available in monocrystalline (Type OM) and polycrystalline (Type OP).

- Uniform suspension of diamond particles
- No agitation required
- Suitable for dispensing by Kemet Electronic Dispenser or alternative systems
- **ZERO** Volatile Organic Compounds (VOC\*)
- Colour coded for easy identification
- Supplied in 400g bottles with trigger spray. Other sizes available

AquaPol-M			AquaPol-P			Type OM		Type OP	
Water Based Monocrystalline			Water Based Polycrystalline			Oil Based Monocrystalline		Oil Based Polycrystalline	
Micron	400g	1 Litre	Micron	400g	1 Litre	Micron	400g	Micron	400g
1/10	219471	219490	1/10	219472	219484	1/10	216321	1/10	216341
1/4	219459	219491	1/4	219461	219485	1/4	216323	1/4	216342
1/2	219457	219492	1/2	219463	219486	1/2	216322	1/2	216343
1	219450	219493	1	219452	219487	1	216324	1	216344
3	219440	219494	3	219453	219488	3	216326	3	216346
6	219448	219495	6	219454	219482	6	216328	6	216347
9	219442	219496	9	219455	219483	9	216329	9	216349
15	219444	219497	15	219456	219489	15	216331	15	216350
25	219446	219498				25	216332	25	216351
						45	216333		

Note to users of WM/WP suspensions - these are still available

Kemet offer a wide range of standard and special Diamond Products formulated and manufactured in our quality controlled laboratories in the UK to ISO 9001:2015 quality assurance standards. Each is a special blend of diamond powder with a specific grading and concentration in a chemical carrier to give the optimum:

- Stock removal and surface finish
- Ease of cleaning
- Temperature resistance
- Lubricity to prevent drying out

## EasyPol - Diamond & Lubricant in a Single Application

Easypol is a diamond suspension and lubricant combination, resulting in faster and simpler metallographic sample preparation. These suspensions result in high stock removal, allowing preparation time to be reduced. The diamond suspension / lubricant combination ensures that the optimum ratio of diamonds and lubricant is predetermined, resulting in a quality polishing operation, first time and every time.

- Lower cost of consumables
- Reduction in preparation time
- Excellent and reproducible results
- Easy to use and clean
- Water based
- Also available in 2.5 and 5 litres

Micron	EasyPol (For routine metallographic sample preparation)			EasyPol+ (Special formula for reduced polishing times)		
	500ml	2.5 Litres	5 Litres	500ml	2.5 Litres	5 Litres
1/4	250600	-	-	-	-	-
1	250601	250621	250619	250606	250628	250613
3	250602	250618	250622	250607	250629	250614
6	250603	250623	250624	250608	250630	250615
9	250604	250625	250617	250609	250631	250616
15	250605	250626	250627	250610	250632	250633



\* ZERO Volatile Organic Compounds (VOC) - not classified as an atmospheric pollutant and offer health and safety benefits. VOCs are organic chemicals that have a high vapour pressure at ordinary room temperature, some of which can be dangerous to human health and/or cause harm to the environment.