

POLIPLA

Plastic Lens Polish



该照片是示意图 This photograph is an image.

■POLIPLA

POLIPLA 是为树脂镜片开发的复合型抛光材料。由均匀分散的高纯度氧化铝和 pH 值约为 3.0 ~ 4.0 的特殊组合液制成，能够得到高抛光率和良好的精加工面。种类丰富 (*) 齐全，请选择符合使用目的的级别。

(*) 为产品编号的末尾附加 A 的类型添加了防锈剂和消泡剂 (适用于容易生锈的加工物 / 使用研磨机时)。

■POLIPLA

POLIPLA is a compound-type polishing slurry developed especially for plastic lenses. The high-purity alumina is uniformly dispersed in a special solution with pH of about 3.0 to 4.0, delivering excellent polishing performance and a high-quality finished surface. It is available in a wide range of types (*) to allow you to select the optimal solution for your specific needs.

(*) Types with an "A" suffix have various additives to prevent corrosion and foaming (for applications subject to metal corrosion).

POLIPLA 的代表物性、研磨特性 Typical Physical Properties and Polishing Characteristics of POLIPLA

项目 Item	产品名 Type	204H	103	602S
pH		3.3	3.2	3.4
平均粒径 (μm) Average particle size (μm)		0.8	1.3	1.3
比重 Specific gravity		1.162	1.160	1.174
研磨效率 (g/3min.) Polishing rate (g/3min.)		0.048	0.059	0.088
表面粗糙度 Ra(Å) Surface roughness Ra(Å)		103	107	111

项目 Item	产品名 Type	608S	308A	304M
pH		3.5	3.3	3.5
平均粒径 (μm) Average particle size (μm)		1.3	1.6	2.8
比重 Specific gravity		1.110	1.250	1.180
研磨效率 (g/3min.) Polishing rate (g/3min.)		0.087	0.080	0.139
表面粗糙度 Ra(Å) Surface roughness Ra(Å)		109	113	118

研磨条件 Polishing Condition

研磨机 Machine LOH

镜片种类 Lens material CR-39

研磨时间 Polishing time 3min

研磨压力 Pressure 0.4bar (200g/cm²)

表面粗糙度测量仪 Surface measuring device Micro XAM