

CHEMICAL PRODUCTS FOR VIBRATORY FINISHING



POLYSERVICE
PRECISION IN FINISHING

POLYSERVICE AG
Lengnaustrasse 6
CH - 2543 Lengnau
Tel. +41 (0)32 653 04 44
Fax +41 (0)32 652 86 46
www.polyservice.ch

The product line for the most demanding applications in the precision industry as well as in the jewellery industry

- In-house development and production facilities
- Bio-degradable in conformity with the latest environmental legislation
- Competent customer support for all technical application questions

Materials	Delfinor	Delfinor	Delfinor	Delfinor	Delfinor	Delfinor	Delfinor	Delfinor	Delfinor
	IM	IMP	IMC	IC	ID	IZ	IS	IA	IN
Soft steel	***	***	•	–	–	•	***	***	•
Hardened steel	***	***	–	–	–	•	***	***	***
Stainless steel	***	***	***	***	***	•	**	•	***
Non-ferrous metals	***	***	***	***	***	**	•	–	***
Zinc	–	–	–	–	–	***	•	–	**
Aluminium	***	**	***	***	•	***	•	–	•
Titanium	**	•	***	***	***	•	•	•	•
Ceramics	**	**	**	**	**	**	–	–	**
Hard alloys	**	**	•	–	–	•	***	•	•
Precious metals	***	***	***	***	**	•	•	–	**
Plastics	•	•	•	•	–	•	•	–	•

Processing

Cleaning/Brightening	***	***	***	***	***	***	**	•	**
Deburring/Pre-polishing	***	•	***	***	***	***	***	***	•
Polishing	***	•	***	***	***	***	***	***	•
Fine polishing	***	**	***	***	***	***	***	***	**
Burnishing	***	***	***	**	***	***	***	***	***
Mirror finishing	***	***	**	•	•	***	**	***	***
Corrosion protection	**	**	–	–	–	***	***	***	**

Properties

Colour	colourless	green	white	white	light-red	brown/yellow	blue	colourless	orange
State	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid	liquid
pH value concentrate	8	8-9	4-5	2-3	1	9	10	10-11	8-9
Mixing ratio	open 20-30 g/l								

– Unsuitable | • Conditionally suitable | ** Good | *** Very good