

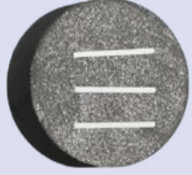






## SELECTION GUIDE FOR HOT MOUNTING

Type	ClaroFast	CitoFast	ConduFast	DuroFast	LevoFast	PolyFast	MultiFast
							
<b>Material</b>	Acryl	Acryl with aluminium filler	Acryl with iron filler	Epoxy with mineral filler	Melamine with mineral and glass filler	Bakelite with carbon filler	Bakelite with wood filler
<b>Type</b>	Thermoplastic	Thermoplastic	Thermoplastic	Thermosetting	Thermosetting	Thermosetting	Thermosetting
<b>Colour</b>	Clear, transparent	Metallic	Dark grey	Black	Light beige (old mounts yellowish)	Black	Black, Green or Red
<b>Shrinkage</b> From 1 -3 (1 is best)	••	••	••	•	•	•	•••
<b>Hardness</b> (1 is softes)	••	••	•	•••	•••	••	•••
<b>Removal rate</b>	High	High	High	Low	High	High	Medium
<b>Process parameters*</b>							
<b>Quantity ml</b>	20	20	20	20	25	20	25
<b>Heating min.</b>	4	2.5	3.5	3.5	3.5	3.5	3
<b>Heating pressure (bar)</b>	350	300	250	325	250	250	250
<b>Cooling min.</b>	6.5	1	1.5	2	2	1.5	2
<b>Cooling rate</b>	Low	High	High	High	High	High	High
<b>Total process time* min.</b>	10.5	3.5	5	5.5	5.5	5	5
<b>Density of cured material g/ml</b>	1.15	1.9	2.45	2.05	1.8	1.6	1.45
<b>Application</b>	Clear mounts. Porous specimens. Surface electrical insulator for ConduFast.	Very fast mounting. Low process times also when it is used as backing for DuroFast or LevoFast.	Electrolytic polishing	Excellent edge retention. For hard materials.	Excellent edge retention. For soft to medium hard materials.	SEM examination.	Routine examination of soft to medium hard materials. Colour coding.
<b>Chemical resistance after curing</b>	Affected by acetone	Affected by acetone and aluminium solving liquids	Affected by acetone and iron solving liquids.	Most common acids and bases. Affected by liquids containing hydrofluoric acid.	Most common acids and bases. Affected by liquids containing hydrofluoric acid.	Most common acids and bases.	Most common acids and bases.

\*Process time at 180 °C/356 °F for a 30 mm dia. mount with 20 vol% 0.45 carbon steel specimen.