ProMaker V Series COMPATIBLE MATERIALS

	PLASTCure Rigid 9500 *	PLASTCure Zirconia	PLASTCure Hydroxyapatite	PLASTCure Aluminia	PLASTCure Tricalcium phosphate
Specification	• Material for direct fabrication of composite parts • High Mechanical resistance • Easy workability	• Good mechanical strength to high temperature • Low thermal conductivity to ambient temperature • Electrical conductor up to 1000°C • High Hardness • Wear resistance • Chemical inertness • Resistance to molten metals	• Close to bone's chemical structure • Biocompatible • Osteoconductive • Good mechanical properties • Non-resorbable	• Good mechanical strength to high temperature • Good thermal conductivity • High electrical resistivity • High hardness • Wear resistant • Good chemical stability	• Osteoconductive • Resorbable • Close to bone's chemical structure • Biocompatible • Good mechanical properties
Typical application examples	• Tooling • Wide range of industrial applications requiring high mechanical resistance	• Crucibles • Nozzle casting • Heating element • Anti-thermal coating • Ion-conducting materials	• Bone substitutes • Reconstructive surgery • PLASTCure Hydroxyapathite and PLASTCure Phosphate Tricalcium are commonly used in combination to achieve a good balance between resorbability and bone growth.	• High temperature electrical insulators • Support of heating element • Grinding media • Mechanical component • Oil-seal	• Bone substitutes • PLASTCure Hydroxyapathite and PLASTCure Phosphate Tricalcium are commonly used in combination to achieve a good balance between resorbability and bone growth.
By	Prodways Material	3D Ceram	3D Ceram	3D Ceram	3D Ceram

*Preliminary data. Performance characteristics of these materials may change according to product application, operating conditions, material combined or end use.