

Stock Items

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Product	Application	Dimensions	Colour	Density (g/cm ³)	Shore Hardness (ISO 868)	Compressive strength (ISO 604) (MPa)	Compressive modulus (ISO 604) (MPa)	Coefficient of thermal Expansion (DIN 53752) (10 ⁻⁶ K ⁻¹)	Deflection temperature (ISO 75) (°C)
RenShape® BM 5108	Design studies, program proving, supporting structures	2500x1200x100 2500x1200x200	White	0.08					
RenShape® BM 5120	Styling models, Styling, Milling program proving	1500 x 400 x 100	Light grey	0.25		4 - 5		50-60	60
RenShape® BM 5185	Styling and master models	1500x500x50 1500x500x100	Apricot or Brown	0.47		10-15	500-600	60-65	60-70
RenShape® BM 5440	Master models, cubing models, patterns etc.	1500x500x50 1500x500x100	Brown	0.5	55-60 D	15-20	600-700	50-55	75-80
RenShape® BM 5460	Master models, cubing models, patterns etc.	1500x500x25 1500x500x50 1500x500x100 1500x500x200	Brown	0.7	60-65 D	20-25	910-960	50-55	75-80
RenShape® BM 5172	Pattern plates and core boxes, negative moulds and tools	1000x500x50 1000x500x100	Green	1.2	80 D	60-70	1900-2000	80-85	80-90
RenShape® BM 5272	Pattern plates and core boxes, machined negatives / positives, models, moulds and tools	1000x500x50 1000x500x75 1000x500x100	Olive	1.4	80-85 D	70-80	3300-3500	65-70	80-90

Indent Items

Product	Application	Dimensions	Colour	Density (g/cm ³)	Shore Hardness (ISO 868)	Compressive strength (ISO 604) (MPa)	Compressive modulus (ISO 604) (MPa)	Coefficient of thermal Expansion (DIN 53752) (10 ⁻⁶ K ⁻¹)	Deflection temperature (ISO 75) (°C)
RenShape® BM 5025	Styling, master models, data control models, supporting structures, negative moulds for net size	2000x1000x100 2000x1000x200	Apricot	0.24		3.7	140	60-70	60

	casting								
RenShape® BM 5030	Styling and design	1500x500x100 1500x500x200 2000x500x100	Siena	0.3		6-8	250-300	60-65	60-70
RenShape® BM 5055	Lay up tools for pre-pegs, vacuum forming moulds	1500x500x50 1500x500x100	Green	0.72-0.75	75 D	50-55	2300-2400	35-45	135-140
RenShape® BM 5112	Hammer forms and flanging tools	1000x400x50 1000x400x100	Grey	1.5	80-85 D	50-60	2400-2800	95-105	85-90
RenShape® BM 5266	Metal forming tools	750x500x50 750x500x100	Dark grey	1.7	85-90 D	125-130	7000-7500	45-50	120-125
RenShape® BM 5273	Foundry pattern plates and core boxes	1000x500x50 1000x500x100	Red	1.5	80-85 D	50-60	2400-2800	80-90	85-90
RenShape® BM 5470	Master models, cubing models, patterns etc.	1500x500x50 1500x500x100	Brown	0.7	60-65 D	33-38	600-700	55-60	60-70
RenShape® RS 470	Metal forming tools	750x500x50 750x500x100	Grey / Brown	1.6-1.7	85-90 D	95-100	7000-7500	40-45	85-90