

# TOOLING BOARD PRODUCTS

## TYPICAL PROPERTIES

Product	RX-30	RX-80	RX-150	RX-200	RX-300	RX-600	RX-700	RX-1200	
Colour	Cream	Cream	Cream	Cream	Cream	Brown	Brown/Pink	Green	
Density (kg/m <sup>3</sup> )	30	80	150	200	300	600	700	1200	
Applications	Design study. Program proving. Supporting structure for clay or close-contour paste.	Design study. Program proving. Supporting structure for clay or close-contour paste. Wind tunnel models.	Design study. Program proving. Supporting structure for clay or close-contour paste. Negative moulds for casting. Wind tunnel models.	Design study. Program proving. Supporting structure for clay or close-contour paste. Negative moulds for casting. Wind tunnel models.	Design study. Program proving. Supporting structure for clay or close-contour paste. Negative moulds for casting. Wind tunnel models.	Design study. Program proving. Supporting structure for clay or close-contour paste. Negative moulds for casting. Wind tunnel models.	Master models. Cubing models. Patterns, jigs and fixtures.	Master models. Cubing models. Patterns, jigs and fixtures.	Metal forming tools. Vacuum-forming moulds. RIM moulds. Jigs & fixtures. Rapid prototyping moulds.
Hardness (Shore D)	-	-	-	-	25-30	74-78	77-81	88-93	
Coefficient of Thermal Expansion (10 <sup>6</sup> K <sup>-1</sup> )	50-80	50-80	60-80	60-70	50-60	50-55	50-55	55-60	
Compressive Strength (MPa)	0.16-0.18	0.66-0.72	1.7-2.0	2.5-3.0	4.5-5.0	15-20	20-25	60-70	
Flexural Strength (MPa)	0.23-0.28	0.8-1.1	1.5-1,9	2.6-3.2	4.7-5.2	15-20	25-30	70-80	
Length (mm)	2500	**2000	2000	2000	2200	1500	1500	1000	
Width (mm)	1200	**1000	1000	1000	1040	500	500	500	
Thickness/Height (mm)	*Up to 820	*Up to 620	*Up to 520	*Up to 400	*Up to 320	30, 50, 75, 100, 150, 200.	30, 50, 75, 100, 150, 200.	30, 50, 75, 100.	

Please note: \* These products can be supplied in various thicknesses (in multiples of 50mm). Custom thicknesses available on request.

\*\* These products can also be supplied as 2500mm long, 1200mm wide, up to 620mm thickness.