

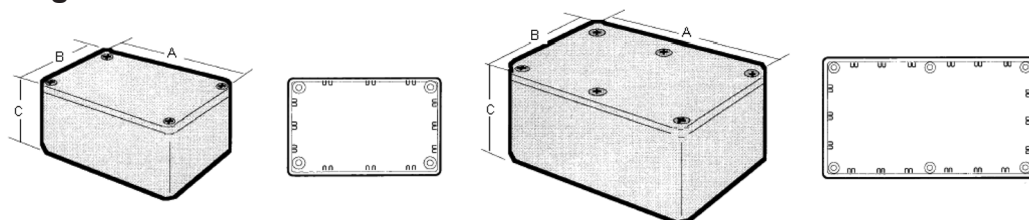
RoHS  
Compliant



## Features

- The boxes are moulded in ABS to give maximum strength but can be easily punched or drilled for individual requirements and to produce a professional looking end product
- They are available in black, white and light grey as standard but other colours may be available on request show you require to add that individual touch to your products
- All but MB4 have a polished finish
- Printed circuit board slots are provided on certain types to allow ease of manufacture
- The lids are retail by M3.5 countersunk screws into brass inserts

## Diagram



Overall Dimensions						Colour	Part Number
A	B	C	Nominal Wall Thickness	Rib Spacing			
				Side A	Side B		
216	130	85	4	20	20	Black	MB4

Dimensions : Millimetres

## Material Data

ABS material - Ronfalin 103 grade

Properties	Unit	Test Methods	
		ISO	DIN
Mechanical Properties	kJ / m <sup>2</sup>	-	-
Charpy notched impact strength at +23 °C at -20 °C	10 7	179/2c	53453
		-	-
		-	-
Izod notched impact strength at +23 °C (thickness 6.4 mm) at -20 °C (thickness 6.4 mm)	kJ / m <sup>2</sup> 17 9	180/3A	-
		-	-
		-	-
Tensile test Tensile strength at yield Elongation at yield	N / mm <sup>2</sup> 49 4	R527/1C	53455-3-5
		-	-
		-	-
Flexural test Flexural strength Modulus in flexure	N / mm <sup>2</sup> 87 2,400	178B	-
		-	53452
		-	-
Surface hardness Rockwell hardness Ball indentation hardness	R scale 110 90	-	-
		2039/2	-
		2039/1	53456
Thermal Properties	°C	75/A	53461/A
HDT Unannealed Annealed	90 97	-	-
		-	-
		-	-
Vicat softening temperature Flammability properties	97 94HB (1.5 mm)	306/B50	53460
		UL94	-
Physical Properties	kg / m <sup>3</sup>	-	-
Density	1,050	1183/A	53479
Melt flow index	13	1133/19	53735/U
Gloss	59	-	67530
Processing temperatures	200 to 230 °C	-	-

## Part Number Table

Description	Part Number
Multipurpose Boxes with Lids, Black	MB4

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