

**BONDDISC GB134-GB164 BLACK & BROWN**

**Bonddisc GB134-GB164 are versatile, general purpose phenolics which are available in compression flow. They provide excellent finish, speed of cure and rigidity on ejection.**

<u>Powder Properties</u>	<u>Method of Test</u>	<u>Units</u>	
Bulk Factor	ISO171	-	2.2 - 2.4
Powder Density	ISO860	g/cm <sup>3</sup>	0.60 - 0.64
Pourability	-	-	Excellent
Pelleting Properties	-	-	Satisfactory
Storage life at room temperature	-	-	12 - 24 months
 <u>Moulded Properties</u>			
Colour			Black and medium brown
Specific Gravity	ISOR1183	-	1.34 - 1.64
Mould Shrinkage	ISO2577	In/in	0.005 - 0.008
Post Shrinkage	ISO2577	%	-
Water Absorption	ISO62	mgm	35 - 40
Flexural Strength	ISO178	MPa	65 - 75
Charpy Impact Strength - notched	ISO179	KJ/m <sup>2</sup>	1.6 - 2.2
Tensile Strength	ISOR527	MPa	-
Electrical Strength @ 90°C	IEC243	MV/m	-
Insulation Resistance	IEC167	Ohm	-
Heat Deflection Temp 1.81 MPa	ISO75	°C	130 - 145
Tracking Resistance	IEC112	volts	-
 <u>Moulding Conditions</u>			
Temperature °C			150 - 170
Compression pressure			1 - 2 Tonne/in <sup>2</sup>
Cure time (BS 771 cup)			60 - 70 secs

For Handling and Safety requirements, please see separate leaflet "Recommendations for the safe handling and use of **MOULDING COMPOUNDS THERMOSET MOULDING MATERIALS**". The above information is supplied in good faith, but does not represent acceptance of any liability for loss or damage arising from the use of **MOULDING COMPOUNDS** products. Users should satisfy themselves that the products are suitable for the intended use.

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