

CRC M 3050

Layers of graphitised carbon cloth impregnated with phenolic resin are subjected to repeated carbonisations, impregnations and chemical vapour infiltrations. The material is designed to have controlled friction properties and has excellent compression strength and wear properties. It has low density and good chemical resistance to around 350°C.

Diameters of up to 130mm can be produced.

Typical applications are carbon-carbon friction discs for aerospace.

Applications	<ul style="list-style-type: none"> • Friction component
Markets	<ul style="list-style-type: none"> • Aerospace

Typical properties

Product Property	Value	Test Method
Density (g/cm ³)	1.31-1.45 (typical 1.35)	ASTM D792-86 (Water Displacement Method)
Compression Strength	At least 30,000 psi (206 MPa)	No specific standard has been defined

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