

Globally Sourced Economy Paper Sheet

Preliminary Data Sheet

Definition: GSECONP is constructed from paper with a phenolic resin binder.

Characteristics: GSECONP phenolic paper-based grade for mechanical applications. Good tensile, compressive, and flexural strength. Primarily a machining material.

Certifications: GSECONP is an economy grade paper that is not certified to any specifications.

TYPICAL PROPERTIES

MECHANICAL PROPERTIES	UNITS	VALUE
Flexural Strength – IS 2036	MPA	140
Tensile Strength – IS 2036	MPA	130
Shear Strength – IS 2036	MPA	70
Modulus of Elasticity – IS 2036	MPA	7,000
Compressive Strength – IS 2036	MPA	300
Charpy Impact Strength – IS 2036	KJ/m2	20

TYPICAL PROPERTIES

ELECTRICAL PROPERTIES	UNITS	VALUE
Electrical Strength	Class	
Parallel to Lamination – IS 2036	kV	20
Insulation Resistance – IS 2036	MV/M	14
Permittivity at 1 MZH – IS 2036	MQ	50

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* Product Certification. PRODUCT is import material, certified via manufacturers documentation to any standard under which it is sold. Norplex-Micarta, at its sole discretion, may substitute domestic or alternate source material in order to fill order requirements. Norplex-Micarta will have no obligation to notify customers of a change in material source. Substitution of PRODUCT does not wave any of these [NORPLEX-MICARTA SUPPLEMENTAL TERMS](#). PRODUCT will not be tested lot by lot; therefore, neither section 4.5 of MIL-I-24768 nor section 13 of ASTM D709 will apply.

This data, while believed to be accurate has been provided by the manufacturer of the material and has not been verified by Norplex-Micarta.

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