



TS5 is a B-staged silicone prepreg based on a fine weave glass fabric suitable for the manufacture of tubes and laminates.

Characteristics	Excellent electrical and mechanical properties, flame retardant High Temperature Rating class H 180°C, very low dissipation factor and permittivity values.
Colours	White
Sheet Size	Width: 1260mm or 1090mm Length: 50m to 250mm

PREPREG PROPERTIES

Resin Type	Silicone
Glass Cloth Type	E-glass, fine weave fabric
% Resin Content	Low – high available
% Flow	Low – high available

PROCESSING CONDITIONS

Please contact MICAM technical dept for recommendations

HANDLING

Handle this prepreg carefully using clean gloves. Resin may be lost from the surface due to folding or careless handling.

STORAGE

Do not stack rolls horizontally on top of each other. Rolls should be stored vertically or supported through the cardboard core. Store at <21°C, <50% RH for up to 4 weeks. Alternatively store in a sealed plastic wrapping in a freezer up to 6 months. If stored in a freezer allow up to 48 hours for the prepreg to stabilise to room temperature before removing from wrapping and preventing condensation forming on the prepreg.

ENVIRONMENTAL COMPLIANCE

RoHS compliant; REACH compliant

QUALITY SYSTEM APPROVAL

Certified by NSAI to I.S. ENISO 9001:2015 Reg. No. IE-19.0675.