

Prepreg Resin

Thermosetting Resin / SC-9115C9E54043

PRODUCT OVERVIEW

Prepreg resin is the core matrix material for composite materials formed by combining fiber materials such as carbon fiber and glass fiber with a resin matrix to make prepregs. Its main function is to bond fibers into an integral whole through impregnation and curing, while endowing prepregs with molding processability and the mechanical properties (such as strength and temperature resistance) of the final composite components. It is a key component that determines the quality and application scenarios of prepregs. Regarding the sealant you mentioned, although both serve composite materials, their functions are different prepreg resin is a "structural matrix", while sealant is a "surface auxiliary protective material", and they need to be used in combination as needed.

CONFIGURATION DATA

MATERIAL FAMILY	Resin system
SUPPLY FORM	Prepreg
DIMENSIONS / TOLERANCES	Configured to project requirements in SI / metric units
TECHNICAL DOCUMENTATION	Lot- and configuration-specific documentation available with quotation
AVAILABILITY	Made to order / project supply

DOCUMENTATION & COMPLIANCE

ISO, REACH, RoHS and material certificates are confirmed per selected grade, manufacturer, lot and intended application.