

Mold In and Out Platform

Autoclave Molding / SC-9CDAC1AEF6EE

PRODUCT OVERVIEW

Composite mold materials are advanced engineering materials designed to meet the demanding requirements of modern manufacturing industries. These materials are widely used in molding applications where high strength, precision, thermal stability, and durability are essential. Compared with traditional metal molds, composite mold materials offer significant advantages in weight reduction, cost efficiency, corrosion resistance, and design flexibility. Our composite mold materials are manufactured using high-quality resin systems combined with reinforced fibers such as glass fiber, carbon fiber, or aramid fiber. This combination ensures excellent mechanical strength while maintaining lightweight characteristics. The result is a material that can withstand high pressure, repeated use, and complex molding conditions without deformation or performance loss. One

CONFIGURATION DATA

MATERIAL FAMILY	Composite solution
SUPPLY FORM	Tooling
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.