



TC-5110 FAST
5 SHORE A TRANSLUCENT SILICONE RUBBER

TC-5110 FAST is a room temperature, addition/platinum curing, soft silicone rubber designed for making molds and parts. Featuring exceptional tear strength, low viscosity, 1:1 mix ratio, and a quick demold time, this system is user friendly while producing high quality finished products.

- High Stretch and Tear Strength
Translucent/Easily Pigmented
Fast Curing at Room Temperature
Tested Skin/Cytotoxicity Safe
Medical Simulations/Prosthetics
Props and Skins for Movie Special FX
Flexible Molds/Brush-On Molds
Produce Parts with Fast Turnaround

Table with 3 columns: PHYSICAL PROPERTIES, TEST METHOD, RESULTS. Rows include Hardness, Density, Tensile Strength, etc.

*Note: Reported physical properties are based on test specimens cured 48 hours at room temperature.

Table with 3 columns: HANDLING PROPERTIES, Part A, Part B. Rows include Mix Ratio, Viscosity, Work Time, etc.

Properties above are typical and not for specifications.

INHIBITION:

Certain materials will cause inhibition or neutralization of the curing agent. These materials include condensation/tin cured based silicone, lacquer and enamel coatings, polyester-based products, copper or copper containing metals, some SLA 3D Printing resins, and natural rubbers like latex. Inhibition may easily be determined by brushing a small quantity of TC-5110 FAST over a localized area of the surface to be reproduced. If the TC-5110 FAST is tacky or uncured after the cure time, then you know the mold surface is acting as an inhibitor. To insure against possible problems, it is advisable to spray a barrier film, like our SEM Primer or our SEM Clear Coat, over any questionable surfaces. This is the best way of treating clays and other surfaces that cause inhibition. Contact BJB for recommended products.

STORAGE:

Store ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 6 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Part A	Part B	Cubic Inches per Kit
Quart Kits	2 lbs.	2 lbs.	100
Gallon Kits	8 lbs.	8 lbs.	402
5-Gallon Kits	40 lbs.	40 lbs.	2,008
55-Gallon Drum Kits	440 lbs.	440 lbs.	22,088

SAFETY PRECAUTIONS:

Use in a well-ventilated area. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

- Skin:** Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.
- Eyes:** Immediately flush with water for at least 15 minutes. Call a physician.
- Ingestion:** If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

NOTE:

Refer to the Safety Data Sheet before using this product. For processing tips and guides, please visit: learn.bjbmaterals.com to discover additional information.

NON-WARRANTY "Except for a warranty that materials substantially comply with the data presented in Manufacturer's latest bulletin describing the product (the basis for this substantial compliance is to be determined by the standard quality control tests generally performed by Manufacturer), all materials are sold "AS IS" and without any warranty express or implied as to merchantability, fitness for a particular purpose, patent, trademark or copyright infringement, or as to any other matter. In no event shall Manufacturer's liability for damages exceed Manufacturer's sale price of the particular quantity with respect to which damages are claimed."