



سپاهان پلیمر فام

## Sepahan Polymer Fam

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### ADHESIVE FT3011

FT3011 is a two part epoxy adhesive systems that contain of nonmetallic and inorganic fillers.. This product is excellent for bonding of metals to metal and composites and rubber materials to composites.this is proper for chemical area and salt area.this is proper for bonding rubber and composites to metals.

Widely used by aircraft , machines manufactures and machining details for contours and surface plastics for flyaway and prototype windtunnel applications.

no electrolytic corrosion ,and great adhesion combine to make this product high in

performance and easy to importance having a moisture free hull cannot be

and face surface that required to reinforce of area cutout,overemphasized and use to fill of edges to prepare proper surface and compression load. This is resistente to chemical and oil materials.



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### TECHNICAL SPECIFICATIONS:

- Mix ratio by weight: 3/2
- Total solids :98 percent
- Mixed color: brown white
- Pot life at 77 degrees f: 40 Minutes
- Full properties: after 48 hour
- Flexible material

### PRODUCT DESCRIPTION:

Ft3011 is good flexible epoxy compound that is excellent for bonding of rigid rubbers to metals and plastics in chemical surrounds.this is proper for bonding composites to metals .

FT3011 is good adhesion to metals and composites and flexible to vibration loading.

As well as keel/hull fairing and ole repairs . it is easy to use , easy to work adhesive and it is an excellent compound due to its unique two phase cure.

### TECHNICAL DATA:

- Application temperatures: +5c to +35C
- Service temperature :-50c to +88c intermittent without load



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-Compression strength:180 N/mm<sup>2</sup>(ASTM D 695M)

-Lap shear (ASTM D1002): 39N/mm<sup>2</sup>

-Peel strength: (pli)~24

-Flexible to vibration loading

-oil resistant

-chemical resistant

### PHYSICAL PROPERTIES:

Composition	Resin	Hardner	Mixed
colour	Light brown	Light yellow	Light brown
Viscosity at 25c(pa.s)	1500	950	1400
Density(gr/cm <sup>3</sup> )	1.15	1.18	1.16
Mix ratio	3	2	
Service temprature	-	-	-50c to 88c



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### CHEMICAL BEHAVIOR

Properties	Resin	Hardner	Mixed
Oil resistant	-	-	well
Fuel resistant	-	-	good
Salt water	-	-	well
Chemical surround	-	-	well

### MECHANICAL PROPERTIES:

Properties	Resin	Hardner	Mixed
Shear strength(N/mm2)	-	-	39
Compression strength N/mm2(ASTM D 695M)			180
Peel strength (N/mm2)			well

### NOTICE:

آدرس: اصفهان- خیابان بزرگمهر- خیابان بلال- کوچه شهید امینی-پلاک ۵۴, واحد ۴  
تلفکس: ۰۳۱۳۲۲۶۰۴۱۳ و ۰۹۱۳۳۶۵۳۷۳۵



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Use productive gloves when working with this product. Use soap and water or white vinegar to clean of your hand> use denatured alcohol to clean of your tools.

### PACKING:

Adhesive pack in butt : 10,20,180, 235 kg



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