

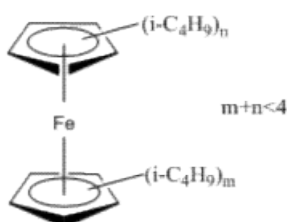
***t*-Butylferrocene**

➤ Executive standard: GJB 2615-96

➤ CAS RN: 1316-98-9

➤ 1. Physical and chemical properties:

1.1 Structure formula:



➤ 2. Technical indexes:

Item	Index	
	Type I	Type II
Ferrocene content, %(m/m)	≤2.0	≤2.0
<i>t</i> -Butylferrocene content, %(m/m)	40.0±5.0	37.5±2.5
Di-(<i>t</i> -butyl)ferrocene content, %(m/m)	Measured value	Measured value
Tri-(<i>t</i> -butyl)ferrocene content, %(m/m)	≤5.0	≤5.0
Total Fe content, %(m/m)	20.0±1.0	20.0±1.0
Moisture, %(m/m)	≤0.05	≤0.05
Appearance	Brown-red oil liquid	Brown-red oil liquid

➤ 3. Application: *t*-Butyl ferrocene specified in this standard is a burning rate regulator for composites to increase the burning rate. It is used as burning rate catalysts in HTPB based composites, and can also be used as fuel saving agent, smoke suppressants for fossil fuel and combustion accelerant for fuel gas.

➤ 4. Safety instructions: *t*-Butyl ferrocene could be oxidized slowly when exposed to air. It will be polymerized under high temperature and burned if mixed with strong oxidizer.

➤ 5. Packing: Two plastic barrels in a carton. Net Weight: 10 kg/barrel; 20 kg/carton.

➤ 6. Storage: Stored in a cool and ventilated place. The barrels should be sealed. The shelf life is 12 months after manufactured date. After the shelf life expires, the samples should be re-sampled and re-inspected according to the technical specifications in Part 2, and they can still be used after passing the test.

➤ 7. Transportation: Keep upright when transporting. Avoid sun exposure and squeeze. Do not mix-transport with strong oxidizers.

In addition: We are able to develop custom-made products according to the clients' requests.