

Baniyan Advanced Materials & Equipment Development Co.



Baniyan Co. at a glance

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|---------------------|---|---|
| Full Name (EN) | Baniyan Advance Equipment and Materials Development Co. | |
| Full Name (Persian) | Tose Tajhizat va mavade pishrafte Baniyan | |
| Short Name | Baniyan Co. | <p>Baniyan Co., is knowledge base company that works in the fields of advanced materials and related equipment. This company has been established in 2016 by young university graduates and experienced technical men and has developed new material and processing technologies for first time in this country. Baniyan Company has high capabilities in the field of materials, processing and equipments.</p> |
| Type | limited liability company (Ltd) | |
| Origin | Iran-Tehran | |
| Registration No. | 495892 | |
| Economic Code | 411533785999 | |
| field of activity | Advanced Materials and Equipment Technologies | |
| CEO | Hafez Ahmadi | |
| Website | http://baniyanco.1st.ir | |
| Email | baniyangroup@gmail.com | |
| Phone No. | +98(21)77498855, 77498575 | |
| Fax No. | +98(21)77498855 | |
| Postal Code | 1681963113 | |
| Add. | No. 9, Technology Incubator of IUST, Hoseinali St., Farjam Ave., Tehran, Iran | |

Some technical services

- ❖ Technical services in the field of metals, ceramics and composites
- ❖ Powder technologies and powder metallurgy
- ❖ Technologies development
- ❖ Consulting service in the field of design and construction

Products

→ Metal Base Friction Materials

For Heavy duty machines like earth moving, forklift, mining, agriculture ...



Clutch Disc for forklift



Brake Disc for Tractor

| Properties of Clutch Disc for Forklifts | | |
|--|-------|------------------------------------|
| Materials | | Bronze Base |
| friction coefficient | Dry | 0.52 |
| | wet | 0.08-0.1 |
| Wear Rate(Cm ³ /N.m) | 100°C | 4.45 |
| | 150°C | 7.44 |
| | 200°C | 9.42 |
| Hardness(RB) | | 50 |
| Standards | | IRIS 3005 ASTM B347 ASTM G99 |
| Thickness(mm) | | 1.6 |
| Outer Ø(mm) | | 133 |
| Inner Ø(mm) | | 98 |

| Properties of Brake Disc For Tractors | | |
|--|-------|------------------------------------|
| Materials | | Brass Base |
| friction coefficient | Dry | 0.53 |
| | wet | 0.08-0.12 |
| Wear Rate(Cm ³ /N.m) | 100°C | 4.96 |
| | 150°C | 5.42 |
| | 200°C | 6.78 |
| Hardness(RB) | | 45 |
| Standards | | IRIS 3005 ASTM B347 ASTM G99 |
| Thickness(mm) | | 4.85 |
| Outer Ø(mm) | | 223.5 |
| Inner Ø(mm) | | 187 |

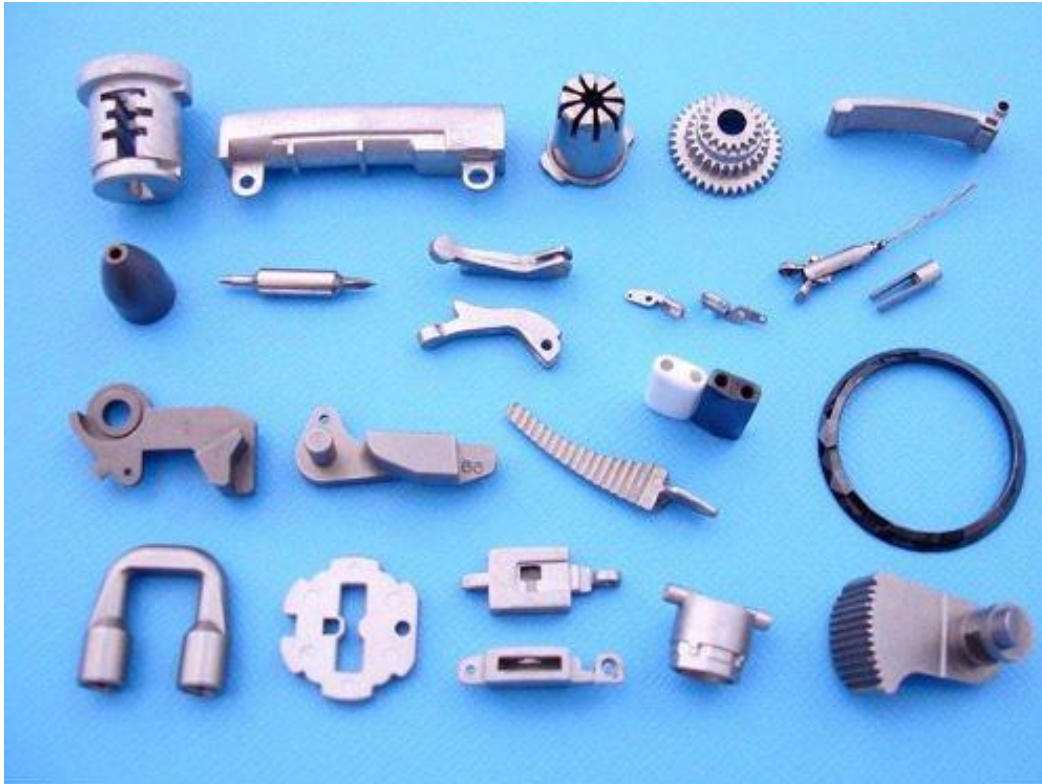


Baniyan Advanced Materials & Equipment Development Co.



→ MIM and PIM metal and ceramic parts

Auto parts, home appliance and





Baniyan Advanced Materials & Equipment Development Co.



→ Ceramic and Glass foam



→ Ceramic granules

Ready to press granules of oxide and Carbide ceramics

