

Tokai Carbon – Isotropic Graphite Grade

HK-1

1. Typical Properties

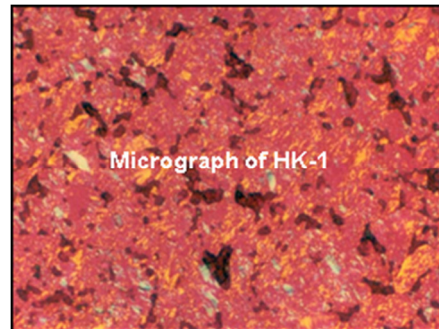
Specific Gravity	g/cm ³	1.85
Specific Resistance	μΩm	11.0
Flexural Strength	MPa	50.0
Hardness	Shore	58
Average Grain Size	μm	11

All properties measured room temperatures except for C.T.E.
 C.T.E. = Coefficient Thermal Expansion (R.T. to 1000°C)
 Flexural Strength determined using third point loading
 All properties are typical values and are not to be used for specification limits

2. Standard Sizes

311 x 622 x 1245mm

234 x 650 x 800mm



3. Applications

Rough machining of large mould dies and die-casting applications.

Rough and finish machining of forging dies to 30VDI.