

**Tokai's Isotropic Graphite Data Sheet**

# HK-6

## 1. Typical Properties

|                     |                     |      |
|---------------------|---------------------|------|
| Specific Gravity    | g/cm <sup>3</sup>   | 1.86 |
| Specific Resistance | μΩm                 | 12.0 |
| Flexural Strength   | MPa                 | 85.0 |
|                     | Kgf/cm <sup>2</sup> | 860  |
| Shore Hardness      | Shore               | 68   |
| Average grain size  | μm                  | 3    |

All properties measured at room temperature.  
 Flexural Strength determined using three point loading

## 2. Standard Size

Nominal - 120 x 310 x 470 mm



## 3. Application

HK-6 is a premier grade of ultra-fine graphite, designed for ultra-high definition and excellent edge wear resistance. The special properties will give good MRR rate/wear ratios and high quality surface finishes. Due to its special machining properties it can be used in high quality mould making, aerospace and for fine detailed rib forms.

Surface finish: 16 VDI.

