

# OGR-A

The standard extruded grade for aluminium degassing rotors and shafts.

## Full Verified Technical Data

| Property                         | Value                        |
|----------------------------------|------------------------------|
| Bulk Density                     | 1.72 g/cm <sup>3</sup>       |
| Resistivity                      | 10-12 micro-ohm.m            |
| Thermal Conductivity             | 125 W/m.k                    |
| Coefficient of Thermal Expansion | 3.9 x10 <sup>-6</sup> /C     |
| Shore Hardness (HSD)             | 36                           |
| Flexural Strength                | 20 MPa                       |
| Compressive Strength             | 48 MPa                       |
| Modulus of Elasticity            | 10.5 GPa                     |
| Ash Content                      | 3000 ppm                     |
| Average Grain Size               | 0.8 mm                       |
| Recommended Application          | Electrodes / Rotors & Shafts |

Notes: Filler ratios, impregnation formulations, and dimensional tolerances are confirmed by a named engineer prior to production and are not disclosed in this datasheet. This document reflects Oriental Graphical Carb Manufactory's published specification for this grade.