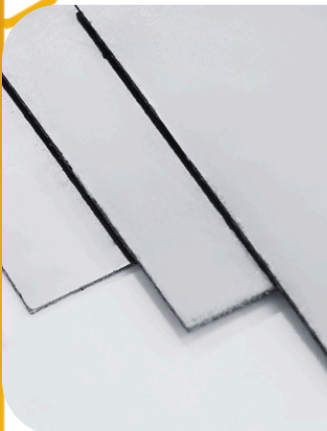


HEXAFLEX® OMEGA CP IS A HIGH-PERFORMANCE GRAPHITE-POLYMER COMPOSITE ENGINEERED FOR ELECTROCHEMICAL ENVIRONMENTS. MANUFACTURED FROM HIGH-PURITY THERMALLY FOAMED GRAPHITE, **OMEGA CP** DELIVERS EXCELLENT ELECTRICAL CONDUCTIVITY AND OUTSTANDING CHEMICAL RESISTANCE, PARTICULARLY IN ACIDIC MEDIA.

ITS TAILORED MATERIAL STRUCTURE ENSURES LONG-TERM STABILITY, EFFICIENT CHARGE TRANSFER AND COMPATIBILITY WITH NEXT-GENERATION CELL CHEMISTRIES — MAKING IT THE PREFERRED SOLUTION FOR HIGH-EFFICIENCY, HIGH-DEMAND ENERGY STORAGE AND CONVERSION APPLICATIONS.



- Density, g/cc
- Thickness, mm
- Tensile strength, MPa
- Polymer content, %
- Thermal conductivity (parallel to surface), W/mK
- Electrical resistivity (parallel to surface), $\Omega\mu\text{m}$
- Electrical resistivity (through plane), $\Omega\mu\text{m}$
- Carbon content, %
- Ash content, %

OMEGA CP

1.7 - 1.8
0.5 - 0.8
> 12
< 10
> 300
< 10
< 2500
> 99.0
< 1.0