

PURE GRAPHITE WITH INHIBITOR



APPLICATIONS:

- Production of spiral wound, kammprofile and corrugated gaskets and rings for stuffing boxes.
- Power Plant, Refinery, Petrochemicals, Oil & Gas.
- Nuclear Power Plant

MAIN FEATURES AND PROPERTIES:

- Compliance to MESC 85/203 and EN 14772 Section 6.7 .
- High purity: up to 99,9% of carbon content
- No corrosion.
- No aging effect – suitable for long-term applications.
- High tensile strength grade (5,0 MPa / 725 psi).

LEFNOLIK Pure Graphite Grade LL99 with inhibitor

Weight loss (670 °C / 1238 °F), %/h: <4

Carbon %	Ash %	Sulfur ppm	Chlorine ppm	Fluorine ppm	Total halogens (Cl+F+Br) ppm	Tensile strength MPa	Compressibility %	Recoverability %
99	<2	<100	<40	<10	<200	>5	>40	>10

LEFNOLIK High Pure Graphite Grade LL99H with inhibitor

Weight loss (670 °C / 1238 °F), %/h: <4

Carbon %	Ash %	Sulfur ppm	Chlorine ppm	Fluorine ppm	Total halogens (Cl+F+Br) ppm	Tensile strength MPa	Compressibility %	Recoverability %
99	<1	<100	<20	<10	<100	>5	>40	>10

LEFNOLIK Super High Pure Graphite Grade LL99N For Nuclear

Carbon %	Ash %	Sulfur ppm	Chlorine ppm	Fluorine ppm	Total halogens (Cl+F+Br) ppm	Tensile strength MPa	Compressibility %	Recoverability %
99.85	<0.15	<50	<20	<10	<50	>4	>40	>8

OPERATING RANGE

Temperature range from -195°C / -319°F up to 450°C / 842°F (in water steam - 650°C / 1202°F).