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GRAPHITE GRADES FOR ELECTRICAL DISCHARGE ...

With its leading experience in EDM, Mersen has developed a complete range of graphite grades aiming to answer to the widest range of electrode designs and workpiece materials The selection of the right graphite grades will depend on numerous factors Mersen's expertise will guide you to ...

Graphite grades - MERSEN

Isostatic graphite grade 2191 UHP5 The best combination with high thermal conductivity, high strength & high purity! Mersen all along the photovoltaic production chain Mersen all along the photovoltaic production chain "Photovoltaic" is the combination of two words: "photo" from Greek origin, which means light, and "voltaic", from

Properties of Popular Mersen Grades

1675 1300 1550 1070 1140 965 1520 1372 1020 1295 1500 1320 Flexural Strength

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Properties of Popular Mersen Grades

Properties of Popular Mersen Grades 2910 1940 2020 2191 2124 2236 2245 2303 2320 2160 2175 Units Density g/cm3 174 179 178 175 184 178

180 176 180 184 183 Average Grain Size μm 30 13 15 13 13 10 8 16 13 5 <4 Resistivity $\mu\text{-ohmcm}$ 1600 1397 1550 1168 1140 965 1520 1372 1120 1370 1397 Flexural Strength Mpa 30 43 52 44 58 52 69 40 50 78 79 Compressive Strength Mpa 67 89 98 ...

ELLOR® GRAPHITE - Mersen

MERSEN, a worldwide leader in iso-molded graphite, offers a complete range of graphite grades to suit any EDM applications In order to satisfy customers and meet their unique specifications and requirements, new materials with improved properties and performance are constantly being developed ELLOR® +18 Roughing graphite - ideal for high

HEAT EXCHANGERS - MERSEN

There are 2 grades of graphite used : extruded and isostatic Mersen produce internally Graphilor® based on raw materials manufactured in its American and Chinese plants The German Notified Body (TÜV SÜD) has tested and determined the maximum temperature and mechanical resistance for each of Mersen's impregnated graphite grades

Fall 2011 America's EDM Forum - Mersen

molded specialty graphite grades EDM Today, Fall 2011 Issue 3 Fig #2 Fig #3 Fig #4 How is Graphite is Made 4 EDM Today, Fall 2011 Issue Mixing To learn more about Mersen EDM graphite, call your preferred EDM distributor or give us a call at 8147818514 wwwMersencom A new name for one of the EDM graphite industry's

PROPERTIES AND CHARACTERISTICS OF GRAPHITE

4 PROPERTIES AND CHARACTERISTICS OF GRAPHITE POCO GRAPHITE, INC STRUCTURE Thermodynamically, graphite at atmospheric pressure is the more stable form of carbon Diamond is trans-formed to graphite above 1500°C (Figure 1-4) The structure of graphite consists of a succession of layers parallel to the basal plane of hexagonally linked carbon atoms

GRAPHITE SPECIALTIES SOLUTIONS FOR METALLURGY

BRONZE (Cu Sn) l Mersen graphite grades 1940 High porosity grade, 12% with 1940 and 15% with 2236 l High thermal conductivity grade High thermal conductivity c or f 2236 and 2554 (140 W/m°C) to increase the speed of casting and get a high productivity and low production cost

PROPERTIES AND CHARACTERISTICS OF GRAPHITE

4 PROPERTIES AND CHARACTERISTICS OF GRAPHITE ENTEGRIS, INC STRUCTURE Thermodynamically, graphite at atmospheric pressure is the more stable form of carbon Diamond is trans-formed to graphite above 1500°C (Figure 1-4) The structure of graphite consists of a succession of layers parallel to the basal plane of hexagonally linked carbon atoms

CS Grade Graphite - Advanced Graphite Materials

CS graphite is also a low ash graphite with an oxidation resistance similar to grade CBY graphite It is the material of choice for applications requiring higher densities, better mechanical strength, or less porosity than grade CBY material CS graphite is the most popular multi-purpose grade

1 How to Select Carbon Brushes for Motors and Generators

How to Select Carbon Brushes for Motors and Generators ® 1 2 1 Brush Grades Families grade families are: 020 Carbon Graphites Electrographites Graphites Metal Graphites Carbon Graphite Brushes Carbon graphite brushes made their entrance early in the brush industry They are high-strength materials with a

Section 1: Identification of Product and Supplier

Safety Data Sheet Mersen USA St Marys-PA Corp (Grade 2260) Page 1 of 6 Section 1: Identification of Product and Supplier Product Name:

Synthetic Graphite Trade Name: Mersen Grade 2260 Recommended Use: High-temperature all-purpose material noted for its machinability, thermal and electrical conductivity, chemical stability, lubrication

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CORROSION RESISTANCE CHART - mersen.com.br

Graphilor®, the superior mechanical and corrosion resistant graphite Graphilor's use of ultra-fine grain isostatic graphite, is unique in the Chemical Process industries Highest mechanical resistance for graphite tubes (Up to 34MPa) High temperature resistance (400°C maximum) with Mersen's exclusive carbon impregnation (XC)

Schunk Carbon Technology Carbon Brushes for Industrial and ...

For metal-graphite grades, we additionally state the metal content All data are average values Information on the test methods and equipment is given in IEC Publication 60413, the recommendations of which have been generally adopted

PAPYEX TECHNICAL GUIDE - aspseal.com

2 Sealing applications Market Mersen is one of the oldest manufacturers of flexible graphite in the world Papyex® quality is demanded, through technical specifications, by many end users engaged in the chemical, nuclear, aeronautical, refining sectors, etc