

New and sensational. This fire extinguishing granulate is the perfect solution for the safe storage and in the event of fire, the extinguishing of lithium polymer batteries. The pillow solution is perfect for transporting or charging LiPo batteries. When charging over the battery banks, and you already have effective and good fire protection. When shipping LiPo batteries just pack cleanly around the battery and you don't have to worry anymore do. With Extron fire extinguishing granules, you are also perfect in your workshop for all lithium Armed against fires. If a battery should catch fire here, you can use the Delete granules quickly, safely and, above all, cleanly! The granulate is applied softly to the fire. The expanded glass granulate encloses the fire and suffocates it. At particularly high temperatures, the expanded glass melts and spreads on the surface of the burning metal. The melt forms an airtight seal that encrusts as it cools and extinguishes the metal fire. A flare-up is effectively prevented. Extinguishing agents have the task of burning substances taking into account their fire class and the environment. They are used by fire departments or in automatic Fire extinguishing systems used. They also become self-help in mobile units held up.

Our fire extinguishing granulate is suitable for fire loads of class D and lithium ions. Problematic fire loads such as metal fires, battery fires, lithium fires or flammable liquids can be controlled and extinguished with the granulate without doing anything to cause damage to the extinguishing agent. The extinguishing effect of the granulate in metal fires was based on the MPA Dresden of a sodium and magnesium fire tested and confirmed.

#### Product features

Forms a protective layer, Displaces the oxygen, Environmentally friendly, Resistant to aging, Lightweight, Easy to use

Can be retrofitted and is maintenance-free, Very good fluid binding, Acid and alkaline resistant, 100% inorganically inert, poorly reactive

Low weight (low landfill costs for contaminated material), Low heat conduction, Sound absorbing, Incorruptible, Free of bacteria and germs

Technical specifications, Delivery in a sealed plastic bag, Content = 5 liters, Ball size = 1 to 4mm, Weight with packaging = 1.2kg

Package dimensions / dimension = 345x145mm

## Technical data

Grain size	[mm]	1 - 4
Fire extinguishing agent class D		MPA No. 20140494-1
Fire rating class (DIN 4102-4)		non combustible (A1)
Dry loose bulk density	[kg/m <sup>3</sup> ]	220 ± 30
	[lb/ft <sup>3</sup> ]	14 ± 1.9
Crushing resistance according to DIN EN 13055-1 <sup>1)</sup>	[N/mm <sup>2</sup> ]	≥ 1.5
	[PSI]	≥ 217
Oversize	[M.-%]	≤ 10
Undersize	[M.-%]	≤ 15
pH value		8 - 12
Moisture content	[M.-%]	≤ 0.5
Thermal Conductivity	[W/(m·K)]	0.07
	[BTU-in/hr·ft <sup>2</sup> ·°F]	0.486
Specific thermal capacity of glass	[kJ/(kg·K)]	0.6 - 0.8
	[BTU/lb·°F]	0.16 - 0.18
Main Component		Silicon dioxide
Porosity approx.	[%]	85

The strength grades may vary within the tolerance range of bulk densities.

<sup>1)</sup> Values according to DIN V 18004 on request