

Data Sheet Extinguishing Agent and Fire Retardant *PyroBubbles*[®] PURE -M

description/ parameter	unit	value/ factor / classification
fire protection		
class of fire (EN 2)	–	D
category of building material (DIN 4102)	–	A1, non-combustible
chemical		
main component	–	silicon dioxide
organic components	–	non
pH scale	–	8 – 12
electrical		
electrical conductivity	–	isolating
sorption capacity (electrolyte)	l/kg	2,0
physical		
compressive strength	N/mm ²	-
repose angle (DIN ISO 4324)	°	50
colour	–	cream-white
oduer signature	–	odourless
geometric shape	–	granulate
thermal		
thermal resistance	°C	700
thermal conductivity λ (20 °C)	W/(m · K)	0,06
specific heat capacity c_p (20 °C)	kJ/(kg · K)	0,6
granulation		
particle size (defined mixture)	mm	2 - 6
grain gross density (mean value)	kg/m ³	250 - 340
bulk density	kg/m ³	190 – 200 ±30
porosity	%	83



Mentioned data represents typical values which show variation due to production.

PyroBubbles[®] Pure -M must not be used for the storage and transport of defect lithium-ion batteries.