



Issue 08/21 - Revision no.: 0

Datasheet

MagSpheres P-Series Mineral based granulate

Discription

Under the tradename MagSpheres P-Series MAGNESIA offers a beige to light grey mineral based lightweight granulate. Due to the structured surface the MagSpheres P-Series has good bonding properties with a lot of binders. You can choose out of a wide variety of particle sizes and different densities. This leads to a high applicability. The material withstand high temperatures as well as most chemical attacks.

Chemical Analysis (typical)

SiO ₂		65 - 75	%
Al ₂ O ₃		12 - 18	%
K ₂ O + Na ₂ O		3 - 9	%
MgO + CaO		2 - 6	%
Fe ₂ O ₃		1 - 5	%
Humidity		< 0,3	%

Physical properties (typical)

Bulk density	0,1 - 0,5	g/cm ³
Particle sizes	25 - 1700	µm

Available grades:

Type:	Particle Size d90 in µm	Bulk density
MagSpheres P80/500	80	520 - 390
MagSpheres P130/300	130	340 - 260
MagSpheres P160/400	160	450 - 350
MagSpheres P230/450	230	520 - 390
MagSpheres P270/300	270	340 - 260
MagSpheres P375/200	375	230 - 175
MagSpheres P400/320	225	360 - 280
MagSpheres P400/400	500	450 - 350
MagSpheres P500/220	480	260 - 180
MagSpheres P500/250	700	290 - 210
MagSpheres P1700/100	1700	110 - 90

Packing

Paperbags, PE-Bags or Big Bags.

The values given are for illustrative purposes only and do NOT constitute a specification.