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BASOLIT®
 Standard

Composition	Sulphur (99,9 % pure)	64,4 %
	free from arsenic, selenium, tellurium	
	Mineral filling materials	35,6 % (14,6/16,8/4,2)
Tolerance		± 2 %
Granulation	more than 0,315	0,2 %
Average grain analysis	0,2 - 0,315	2,3 %
	0,1 - 0,2	39,6 %
	0,063 - 0,1	14,1 %
	less than 0,063	43,8 %
Melting point	° C	119
Compressive strength (after 24 h)	N/mm ²	> 50 (at 20 ° C)
Cross-breaking strength (after 24 h)	N/mm ²	> 8,5 (at 20 ° C)
Specific weight	kg/dm ³	2,2
Specific electrical resistance	m/Ω mm ²	electrical non-conductor
Linear expansion	%	0,024
Casting temperature	° C	135 - 145
Setting time	h	hardens after casting
Working temperature range	° C	- 40 up to + 90
Storage		no restriction
Flash point	° C	240 (VDE 0165)
Special features	Resistant to all acids, alkalis, caustic solutions and any kind of water. Not hygroscopic. Oil and grease can dissolve minimal amounts of the sulphur surface. Sulphur is not considered toxic. Sulphur dioxide which is produced at combustion causes severe irritation of eyes and respiratory ducts. Protective measure at combustion: eye and lung protection. Extinguishing agents: Water vapour, carbon dioxide, foam	
Handling instruction	The material is supplied ready mixed and ready for use (in plate form 400 x 400 x 70 mm, weight ca. 18 kg). It is essential to observe that the material is well stirred before pouring. Poor stirring leads to sedimentation which alters the properties of the material.	