



Product Information

DIAMANT spherical

Short Description	GH-R	
Shape	Round/spherical	
Application	applied in ballast material, heavy concrete, radiation protection, pyrotechnics	
Blasting Systems	none	
Indication / Chemical Composition	C: 2,80-3,40% Si: 0,80-2,00% Mn: 0,80-1,20%;	S: < 0,17% P: < 0,45%
Structure	Martensite	
Hardness (New Grain)	680 - 800 HV1 59,2 - 64,0 HRC	
Hardness (Operating Mix)	almost identical to new grain	
Specific Density [kg/l]	ca. 7,40	
Bulk Density [kg/l]	ca. 4,5	
Specific Characteristics	This Material is preferred used for radioprotectonal application or in concrete as a shield from radioactive radiation	
Storage	Several years, considering dry storage	
Particle Size	5,00 - 8,00 mm 4,00 - 8,00 mm 4,50 - 6,00 mm 0,00 - 8,00 mm different particle sizes on request	