



Product Information

Abrasive DIAMANT

Short Description	GH-K		
Designation	Abrasive DIAMANT		
Shape	Angular		
Application	cleaning, de-scaling, de-burring, roughening and mat finish		
Blasting Systems	compressed air systems, small grain sizes also in centrifugal wheel systems		
Indication / Chemical Composition	C: 2,80 - 3,20 % Si: 0,80 - 1,20 % Mn: 0,80 - 1,00 %	S: < 0,17 % P: 0,15 - 0,45 %	
Structure	Martensite		
Hardness (New Grain)	680 - 800 HV1 59,2 - 64,0 HRC		
Hardness (Operating Mix)	Identical to new grain		
Specific Density [kg/l]	Approx. 7,40		
Bulk Density [kg/l]	Depending on particle size		
Specific Characteristics	Very aggressive on the surface, short blasting time, the abrasive stays angular throughout the blasting process		
Storage	Several years, considering dry storage		
Particle Size	2,00 - 2,80 mm	0,40 - 0,80 mm	0 - 140 μ m
	1,60 - 2,24 mm	0,30 - 0,60 mm	0 - 80 μ m
	1,25 - 2,00 mm	0,20 - 0,40 mm	Test material for the
	1,00 - 1,60 mm	0,16 - 0,30 mm	stone-hammer-blow test
	0,80 - 1,25 mm	0,10 - 0,20 mm	
	0,60 - 1,00 mm	0 - 200 μ m	