



## Product Information

### Corundum NKI

Short Description	NK I		
Designation	Corundum, brown fused aluminium		
Shape	Angular		
Application	cleaning, de-scaling, de-burring, roughening and mat finish		
Blasting Systems	Compressed air system; injection systems		
Indication / Chemical Composition	Al <sub>2</sub> O <sub>3</sub> > 94,5 % Fe <sub>2</sub> O <sub>3</sub> < 0,3 %		
Hardness (New Grain)	9 Mohs		
Hardness (Operating Mix)	Identical with new grain		
Specific Density [kg/l]	Approx. 3,96		
Bulk Density [kg/l]	Approx. 1,75 depending on particle size		
Specific Characteristics	Usable for a wide range of applications and changing blasting applications. Only limited usage on aluminium and stainless steel, due to the Fe-content and possible shadow formation.		
Storage	Several years, considering dry storage		
Particle Size	<p>Makrokörnungen</p> <p>F 12 = 1400 - 2000 <math>\mu</math> m</p> <p>F 14 = 1180 - 1700 <math>\mu</math> m</p> <p>F 16 = 1000 - 1400 <math>\mu</math> m</p> <p>F 20 = 850 - 1180 <math>\mu</math> m</p> <p>F 24 = 600 - 850 <math>\mu</math> m</p> <p>F 30 = 500 - 710 <math>\mu</math> m</p> <p>F 36 = 425 - 600 <math>\mu</math> m</p> <p>F 40 = 355 - 500 <math>\mu</math> m</p> <p>F 46 = 300 - 425 <math>\mu</math> m</p> <p>F 54 = 250 - 355 <math>\mu</math> m</p>	<p>F 60 = 212 - 300 <math>\mu</math> m</p> <p>F 70 = 180 - 250 <math>\mu</math> m</p> <p>F 80 = 150 - 212 <math>\mu</math> m</p> <p>F 90 = 125 - 180 <math>\mu</math> m</p> <p>F 100 = 106 - 150 <math>\mu</math> m</p> <p>F 120 = 90 - 150 <math>\mu</math> m</p> <p>F 150 = 63 - 106 <math>\mu</math> m</p> <p>F 180 = 53 - 90 <math>\mu</math> m</p> <p>F 220 = 45 - 75 <math>\mu</math> m</p>	<p>Mikrokörnungen</p> <p>F 230 = 34 - 82 <math>\mu</math> m</p> <p>F 240 = 28 - 70 <math>\mu</math> m</p> <p>F 280 = 22 - 59 <math>\mu</math> m</p> <p>F 320 = 16 - 49 <math>\mu</math> m</p> <p>F 360 = 12 - 40 <math>\mu</math> m</p> <p>F 400 = 8 - 32 <math>\mu</math> m</p> <p>F 500 = 5 - 25 <math>\mu</math> m</p> <p>F 600 = 3 - 19 <math>\mu</math> m</p> <p>F 800 = 2 - 14 <math>\mu</math> m</p> <p>F 1000 = 1 - 10 <math>\mu</math> m</p>