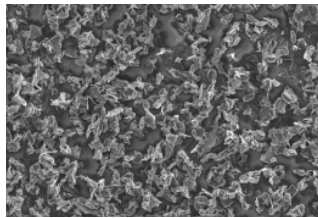
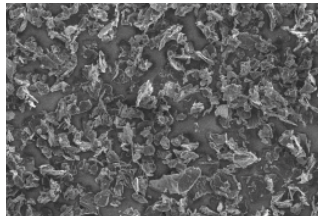
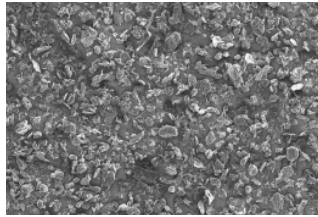
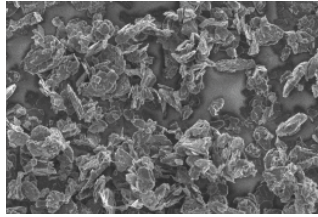
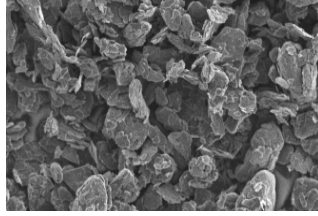
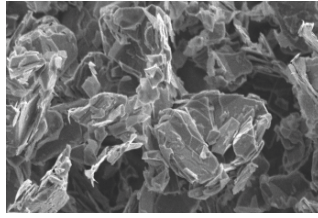
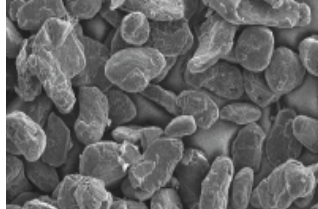
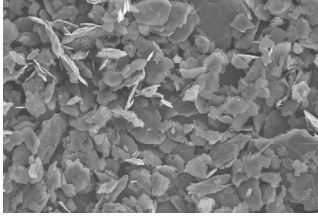
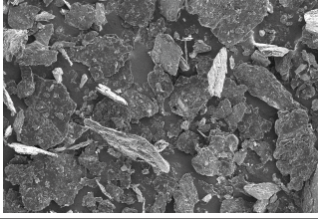
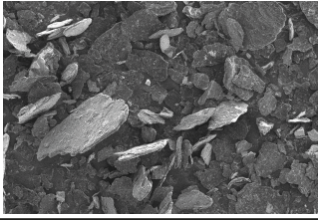
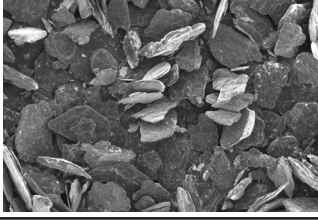
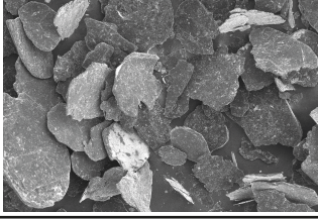
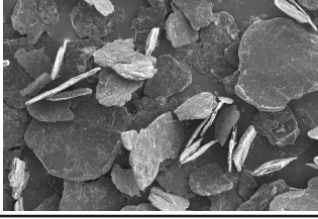
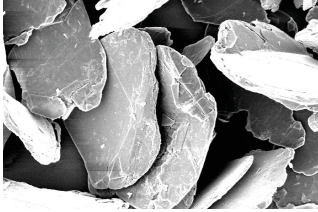


Standard Grades

With huge know-how from long-time experience, Graphit Kropfmühl GmbH composed a well-balanced and versatile scope of graphite grades. This scope meets the extensive requirements resulting from the vast variety of applications of graphite. On customer's demand we can also provide graphite grades for special specifications.

GRAPHITE GRADE	CARBON CONTENT [IN % C]	PARTICLE SIZE [D ₅₀]	REM	TYPICAL APPLICATIONS
Ultra Fine Grinding UF	94 - 99,9	4 - 7 µm		Mechanical Pencil Leads, Conductivity, Lubricants, Powder Metallurgy, Plastics
Conductivity Graphite Cond Cond	96 - 99	5,5 - 21 µm		Plastics, Conductivity
Very Fine Grinding AF	90 - 99,95	6 - 11 µm		Pencils, Lubricants, Plastics
Special Grinding EDM	75 - 99,9	14 - 21 µm		Pencils, Lubricants, Carbon Brushes, Plastics, Powder Metallurgy
Fine Powder FP	60 - 99,95	18 - 30 µm		Foundry, Conductivity
Special Graphite Alkali Manganese Battery Systems SGA	99,5 - 99,9	9 - 23 µm		Battery Systems, Conductivity
Special Graphite Battery Systems SGB	99,5 - 99,9	10 - 25 µm		Li-Ion systems

GRAPHITE GRADE	CARBON CONTENT [IN % C]	PARTICLE SIZE	REM	TYPICAL APPLICATIONS
Shiny Powder GP	70 - 99,5	max. 5 % > 100 µm		Foundry, Refractory
Crystal Powder KP	80 - 99,5	max. 10 % > 160 µm		Foundry, Friction Materials
Small Flake KFL	94 - 99,5	min. 20 % > 100 µm		Carbon Brushes, Accumulators
Normal Flake NFL	87 - 98	min. 70 % > 160 µm		
Medium Flake MFL	85 - 92	min. 70 % > 160 µm, min. 20 % > 315 µm		Refractory, Crucibles, Friction Materials, Sealings
Large Flake S40	90 - 92	min. 85 % > 160 µm, min. 35 % > 315 µm		
High Purity Flake RFL	98 - 99,5	min. 90 % > 160 µm		Carbon Brushes, Accumulators

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Graphit Kropfmühl GmbH
Langheinrichstr. 1
94051 Hauzenberg

T: +49(0) 8586 609-0
info@gk-graphite.com
www.gk-graphite.com

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