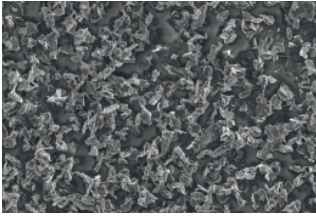
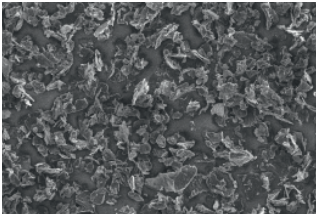
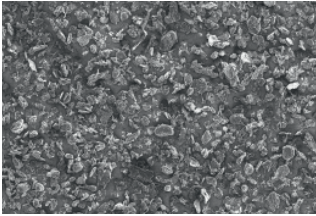
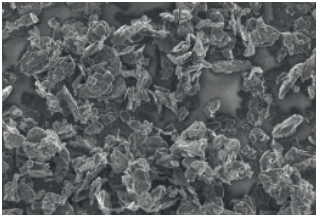
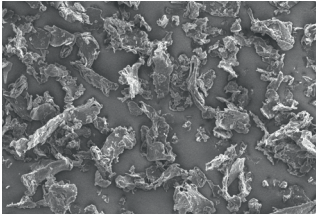
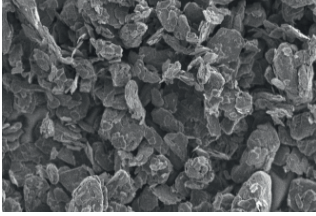
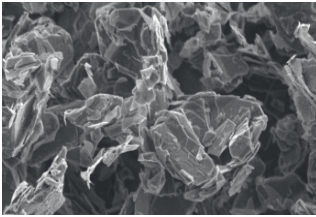
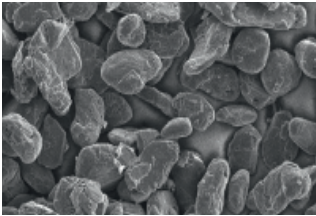
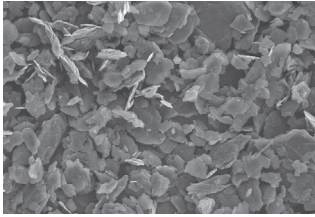
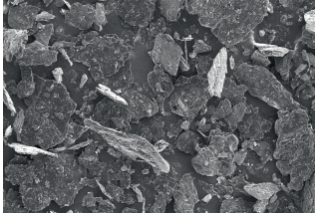
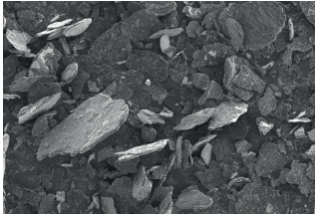
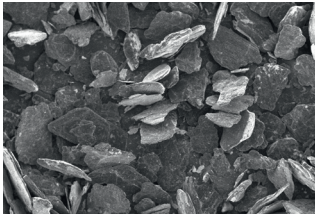
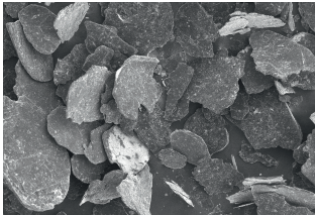
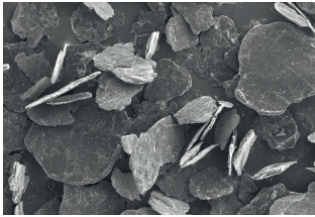
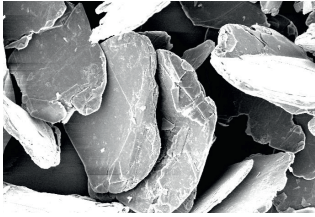


Standard Grades

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	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
Super Cond SC	mind. 98	fine: 4 - 24 µm coarse: 150 - 4000 µm		Conductivity
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		Refractory, Crucibles, Friction Materials, Sealings
Medium Flake MFL	85 - 92	min. 70 % > 160 µm, min. 20 % > 315 µm		
Large Flake S40	90 - 92	min. 85 % > 160 µm, min. 35 % > 315 µm		
High Purity Flake RFL	98 - 99,95	min. 90 % > 160 µm		Carbon Brushes, Accumulators

Version: 04/2025