



Engineering
Materials

CARBON POWDER-BASED SOLUTIONS FOR LUBRICANTS & GREASES

PRODUCT PORTFOLIO

TIMREX[®]
Graphite



www.imerys-graphite-and-carbon.com

 **IMERYS**
Graphite & Carbon
INNOVATIONS TO POWER EVERYDAY LIFE

Carbon powder-based solutions for lubricants & greases

PRODUCT PORTFOLIO

We at IMERYS Graphite & Carbon target satisfying the lubricant & grease markets' requirements. We can supply a wide range of solutions based on natural and primary synthetic graphites – the tables below report only the most commonly used products. Requests for tailor made specifications, matching special demands, are welcome and treated with care by our team of experts. Paper bags or big bags can be selected for deliveries. For further information, product selection and sampling feel free to contact us, or visit our website:

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PRIMARY SYNTHETIC GRAPHITE-BASED PRODUCTS

	GUARANTEED VALUES			TYPICAL VALUES			
	Ash %	Moisture %	Particle size μm	Ash %	Moisture %	Particle size μm	Scott density g/cm^3
KS 4	< 0.2	< 0.5	d90 < 5	0.07	0.1	d90 = 4.7	0.07
KS 6	< 0.1	< 0.5	d90 = 5.8 – 7.1	0.06	0.1	d90 = 6.5	0.07
KS 10			d90 = 10.5 – 14.5	0.06	0.1	d90 = 12.5	0.09
KS 15			d90 = 14.2 – 20.0	0.05	0.1	d90 = 17.2	0.10
KS 25			d90 = 22.0 – 33.0	0.05	0.1	d90 = 27.2	0.14
KS 44			d90 = 40.0 – 51.5	0.06	0.1	d90 = 45.4	0.19
C-LUB 302	< 0.5	< 0.5	d90 = 5.5 – 7.5	0.2	0.1	d90 = 6	0.07
C-LUB 304			d90 = 8 – 12	0.2	0.1	d90 = 11	0.09
C-LUB 306			d90 = 14 – 20	0.2	0.1	d90 = 17	0.10
C-LUB 310			d90 = 40 – 50	0.2	0.1	d90 = 43	0.19

NATURAL GRAPHITE-BASED PRODUCTS

	GUARANTEED VALUES			TYPICAL VALUES			
	Ash %	Moisture %	Particle size μm	Ash %	Moisture %	Particle size μm	Scott density g/cm^3
PP 10	< 5	< 0.5	d90 = 10 – 14	4.2	0.1	d90 = 12	0.05
PP 25			d90 = 18 – 25	4.2	0.1	d90 = 21	0.08
PP 44			d90 = 32 – 53	4.4	0.1	d90 = 39	0.11
M 100	4-6 max	< 0.5	-150 80% min			+150 7%	
M 150			-105 80% min			+105 15%	
M 200	4-8 max		< 0.5	<75 60% min			