



## PRODUCT – OVERVIEW (Standardproducts)

Product name	Form/properties	Applications	Where	Special features	Packaging
MECHANO-CAP® 1P1	Spherical graphite, extremely pure	Electrical and thermal conductivity. Storage material	Lithium-ion batteries, plastics	High bulk density and cycling stability. Improvement of thermal and electrical conductivity	25 kg Paper bag
MECHANO-COND® 1	Graphite, partly delaminated, less impurities	Electrical conductivity together with carbon black, thermal conductivity	Plastics, coatings, batteries	Anti corrosion pigment, reduction of diffusion and permeability, high aspect ratio	25 kg Paper bag
MECHANO-COND® 1D5	Aqueous, conductive dispersion, Binder free	Electrical heating, Infrared heating	Impregnating dispersion	Outstanding electrical conductivity. Low resistance, woven glass fiber impregnating	25 kg Hobbock 220 kg Steel barrel
MECHANO-COND® 1P4	Flotated and screened natural graphite	Electrical and thermal conductivity. Refractory, ceramic	Plastics, coatings, conductive bricks crucibles	Effect pigment in paintings high thermal and electrical conductivity. Economic solution for concrete	25 kg Paper bag
MECHANO-COND® 5VP3	Electrical conductive, carbon black beads	Electrical conductive	Plastics, coatings, antistatic, batteries	Performance category "Economy"	25 kg Poly-bag
MECHANO-COND® 6P1	Hexagonal Boron Nitride	Thermal conductivity, lubricant, high temperature releasing agent	Plastics coatings, aluminum casting	No electrical conductivity, high temperature and oxidation stability, heat spreader for battery casings	10 kg Hobbock
MECHANO-COND® 6P3	Hexagonal Boron Nitride	Ceramic slips and sintered products. Releasing aid. Thermal conductivity	Sintered products, coatings	Outstanding whiteness very fine particle size	10 kg Hobbock
MECHANO-COND® 6P4	Hexagonal Boron Nitride	Lubricants	Dispersions, coatings	High aspect ratio, easy to disperse	10 kg Hobbock
MECHANO-LUBE® 1	Natural graphite, fine ground, pure	Batteries, Lubricants, Shielding	Coatings, paintings, plastics	Sharp particle size distribution for EPS	15 kg Paper bag
MECHANO-LUBE® 2	Graphite, ultra fine submicron particles	Mold releasing agent, coloring pigment	Hot metal forming, Coatings, Plastics	Black appearance, very fine ground, precise particle size distribution	15 kg Paper bag
MECHANO-LUBE® 1D6	Water based graphite, lubricant	Production of retaining rings, bar lubrication, cold forming	Bar forging	No contact welding	25 kg Hobbock
MECHANO-LUBE® 1D8	Water based graphite, lubricant. Natural graphite	Lubricating, cooling and mold releasing liquid	Hot metal forming, forging	Good adhesion even at high temperatures, high graphite content for all spraying units.	25 kg Hobbock 20 kg Steel barrel 1000 kg IBC



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MECHANO-LUBE® 1M2	Instant graphite mixture, powder for production of dispersion	Mandrel bar lubricant, production of seamless tubes	Tube mills	Also for chromium plated mandrels. For almost all tube mill types. For big consumption easy to produce the liquid by adding water	300 kg Big Bag
MECHANO-LUBE® 1M4	Instant graphite mixture, powder for production of Lube 1VP12 dispersion	Pre-product for lubricant	Forging shops	For big consumption easy to produce the liquid by adding water	300 kg Big Bag
MECHANO-LUBE® 1P9	Natural graphite, very fine particles	Lubricants	Dispersions, refractories	For large consumer. Available only in big-bags	300 kg Big Bag
MECHANO-LUBE® 1VP12	Water based graphite, lubricant, very fine graphite	Lubricating, cooling and mold releasing liquid	Hot metal forming forging	Good adhesion even at high temperatures. For deep gravities, high graphite content	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC
MECHANO-LUBE® 1VP18	Water based graphite, lubricant NEW GENERATION very fine graphite	Lubricating, cooling and mold releasing liquid	Hot metal forming, forging	Excellent spreading and adhesion, also for stainless steel. Cost saving due to perfect atomization	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC
MECHANO-LUBE® 1VP19	Coating dispersion, water based	Billet coating	Oxidation protection coating for steel parts	For all application systems (spaying, dipping etc.) Very resistant during passing the induction furnace.	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC
MECHANO-LUBE® 1VP496	Coating dispersion	Ladle slide gate coating	Refractory, ceramic plates, steel industry	Pore filler. High oxidation resistance	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC
MECHANO-LUBE® 1VP574	Graphite dispersion, water based graphite for Aluminum forging	Aluminum forging	Lubricant, releasing agent	Suitable for replacing graphite-oil, easy to dilute with water, high solid content	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC
MECHANO-LUBE® 1VP628	Graphite free dispersion, water based	Aluminum roll casting	Releasing agent for rolls	Perfect releasing properties and surface, no residues, clean coils	25 kg Hobbock 220 kg Steel barrel 1100 kg IBC



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MECHANO-LUBE® 4G2	Graphite/ Carbon black granules	Electrical and thermal conductivity. Lead acid batteries	Plastics, coatings, adhesives	Synergy between graphite and carbon black, dust free, excellent dosage, reduced mixing time carbon black	12.5 kg Paper bag
MECHANO-LUBE® 6D1	Boron nitride dispersion, water based	High temperature lube, casting coating	Billet coating, aluminum casting	Very high temperature and oxidation stability	25 kg Hobbock
MECHANO-PRO® 1VP1	Intercalated Graphite, expandable graphite	Flame retardant, Intumescent coatings	Seals, gaskets	Fine expandable graphite suitable for dispersions.	25 kg Paper bag
MECHANO-PRO® 1VP2	Intercalated graphite, expandable graphite	Flame retardant, Intumescent coatings	Seals, gaskets	High expansion volume, high expansion pressure	25 kg Paper bag
MECHANO-REM® 5	Special carbon platelet shape	Shielding and insulation material, filler	Polymers EPS, XPS, others glass- and rockwool	Filler for friction materials, reinforcing filler, replacing graphite, in insulating materials.	20 kg Paper bag