

RUBBER COMPOUNDS

KABAT 

MADE IN **POLAND**

RUBBER COMPOUNDS

Kabat company has been established in 1983 and since the beginning it has been present on the rubber market. At the beginning we started with services for repairing tyres and inner tubes, tyre retreading, further with production of tyre flaps and rubber rugs. We are a leader in the production of inner tubes, agriculture tyres on the Polish, European and world market. We also specialize in the production of rubber compounds, mold products and rubber profiles. Our offer consists of rubber compounds with diverse applications, such as: tread compounds, oil resistant compounds and compounds for various applications. We have our own, professional laboratory and Research and Technological Department – and highly qualified staff. Each compound is developed according to the customers' needs and requirements. Our laboratory offers also a big range of various tests of properties of rubber compounds, raw materials and rubber products according to international standards ISO, DIN and ASTM for example:

- Shore'a Hardness
- Strength and elongation at break
- Tear resistance
- Scorch
- Testing of curing parametres
- Abrasion
- Density
- Mooney viscosity
- Compression set
- Resistance to accelerated thermal ageing.
- Ozone resistance

We offer rubber compounds in various forms:

- Rubber sheet (wig wag)
- Calandered rubber foil,
- Rubber stripes.

TYRE TREAD COMPOUNDS

Code	Application	Rubber type	Hardness [°ShA]	Strength at break [MPa]	Elongation at break
BB55	Tyre side	IR/BR	49-55	10	420
BM60	Tyre tread	IR/BR	55-65	15	400
BN055	Repair compound	IR/BR	50-60	10	350
BNR60	Low-speed tyre tread	IR/NR/BR	63-69	17	400
B055	Tyre tread	IR/NR/BR	58-68	10	320
B060	Passenger car tyre tread	IR/BR	58-68	16	420
B070	Truck tyre tread	IR/BR	61-67	18	420
B075	Tyre tread	IR/BR	70-75	18	300
B0K	Tyre side	NR/BR	45-55	15	400
BZ60	Winter tread	SBR/BR	55-65	13	300
ZEH46	Compound for special tyres	NR/BR	71-75	19	480
KL50	Glue compound	NR	45-55	16	450

ETHYLENEPROPYLENEDIENE RUBBER COMPOUNDS EPDM

Code	Application	Rubber type	Hardness [°ShA]	Strength at break [MPa]	Elongation at break
EP47	Gaskets for Contact with Potable Water (certied)	EPDM	40-50	10	420
EP50	Gaskets, mould products	EPDM	40-50	10	400
EP70	Mould products	EPDM	65-75	4	350
EPS65	Gaskets for Contact with Potable Water (certied)	EPDM	65-72	10	400
EPT70	Mould products	EPDM	65-75	12	320
EPU60	Rubber proles	EPDM	57-65	6	420
EPU70	Rubber proles	EPDM	65-75	6	420
EPU80	Rubber proles	EPDM	75-85	6	300

OILRESTISTANT RUBBER COMPOUNDS

Code	Application	Rubber type	Hardness [°ShA]	Strength at break [MPa]	Elongation at break
OL60	Oil-resistant products	NBR	55-65	10	300
OL70	Oil-resistant products	NBR	65-75	10	200
OL80	Oil-resistant products	NBR	75-85	10	150
UOL50	Oil-resistant products	NBR	45-55	8	300
UOL60	Oil-resistant products	NBR	55-65	12	300
UOL85	Oil-resistant products	NBR	80-90	12	120

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RUBBER COMPOUNDS FOR VARIOUS APPLICATIONS

Code	Application	Rubber type	Hardness [°ShA]	Strength at break [MPa]	Elongation at break
DS55	Inner tubes	NR	52-62	12	450
Butyl65	Inner tubes, mould products	IIR	50-60	11	600
AS75	Dampers	NR/SBR	70-80	15	200
LM65	Hardly abrasive	NR/BR	62-68	18	350
IC55	For contact with milk	NBR/SBR	53-57	10	350
K60	Highly resilient and resistant articles	NR	57-63	22	450
NK50	Gaskets bearings	NR	45-55	15,5	450
AM70	Dampers	NR	66-74	25	400
P050	General application	SBR	45-55	5	400
P060	General application	SBR	55-65	5	300
P075	General application	SBR	72-78	5	200
P080	General application	SBR	75-85	5	150



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