



PP COMPOUNDS
PVC COMPOUNDS
THERMOPLASTIC ELASTOMERS

KOMPETENCE IN KOMPOUNDING



OUR COMPOUNDING EQUIPMENTS

Stainless steel high speed turbo mixers

Ultra High Torque, Ultra High Speed Co-rotating Twin Screw Extruder with under water pelletizer.

Counter rotating twin screw with dry air cut.

Banbury Mixer & Internal Mixers.

MANUFACTURING FACILITIES

We are an ISO 9001: 2015 standard company, providing materials & services of highest possible standards & consistently satisfying expectations of our customers for product quality, consistency & performance.

In the realm of modern manufacturing, the integration of advanced compounding equipment has revolutionized the production process in various industrial units. Our cutting-edge manufacturing facilities are equipped with state-of-the-art compounding machinery, enabling precise material processing and enhancing overall operational efficiency.

The combination of these advanced technologies empowers these units to achieve exceptional blending, mixing, and extrusion capabilities, ensuring superior quality output and meeting the demands of today's competitive market. These modern manufacturing units stand as beacons of excellence, showcasing the transformative potential of advanced compounding equipment in driving industrial progress.



- ROHS Compliant
- Lead free compounds
- Under water electrical properties
- Heat resistance upto 125°C
- Low smoke & low flame with low HCL
- UL Compliant

Applications

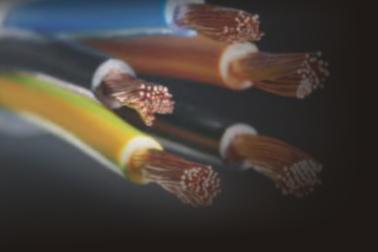
Super flexible wire, computer cables Super slim automotive wires, Flame retardant jacketing Matt finish wires, cables & coil cords. Appliance cables, plenum cable.

PVC ELASTOMERS HI PERFORMANCE L FLEX

- Based on PVC NBR
- Service temp -50°C to 105°C
- Hardness Shore A90 to A30
- Heat, Oil, Chemical & Sunlight resistance
- Flexible Crack & abrasion resistance

Applications

Winding Wire, Mining, Communication, Marine Cables, Elastomeric Cables, Elevator Cables, Welding Cables.



HFFR ELASTOMER MOISTURE CURE CROSS LINKABLE



- Zero Halogen
- ROHS Compliant
- UL-94 / IEC 60332 Compliant
- Non toxic & non corrosive smoke
- Low modulus, Elastomeric grades



- Radiation cure
- Moisture cure
- Peroxide cure
- E Beam Cure

- Oil Resistant EPDM (EPR)
- Heat Resistant EPDM 180°C (EPR)
- Chlorinated Polyethelene (CM)
- Silicone Elastomers (VMQ)
- Silicone + EPDM (VMQ)
- EVA + EPDM
- Acrylate Elastomers (ACM)
- Acrylate + EPDM

SOLAR, RAILWAY, OFC, DATA, AUTOMOTIVE T_3 T_4 CABLES.



THERMOPLASTIC ELASTOMER SEBS

PRENE g[™]

- Soft touch dry feel
- Transparent grades
- Hardness Shore A10 to A95

Applications

Pen grips, Toothbrush grips & handles. Electronics: Switch, waterproof switch, Eye-Pad for Video Camera.

Sports: Strap & Eye-Pad swimming goggle, Diving fin, Pad for skiing.

Applications

Grips, kinfe & Razor handle. Handles for power tools, Sporting goods.



- Adherence To GMP as per FDA In Clean Room Facility
- Non phthalate plasticizer
- Calcium zinc based free from heavy metals
- Kink resistant
- Hardness Shore A95 to A30
- Frosted surface effect
- Crystal clear, free from gels and fish eyes

Applications

Blood bags, Pouches, IV sets, Frosted, Kink resistant tubings, Drip chambers.

Non Phthalate Plasticized Compound	
Application	Regulation
Toys	1999/815/EC : Ban of six phthalates Max 1000ppm phthalate EU & Japan EN 71-3 (Safety of Toys part 3 - Migration of certain elements)
Food contact	Germany : BfR Approval Japan : JHPA Approval (For aqueous food) China : National Standard GB
	EFSA Approval (EU Directive 2007/19/EC) FDA : 21CFRXXX.XX
Medical	DIN ISO 10993 DIN ISO 30993



Syringe gaskets, PVC free replacements, Elastomeric & Latex replacement, **Tubes, Pouches & Bags**

USP < 88> Class VI Test

US Pharmacopeia (USP)

This product has passed the tests of Class VI plastic specified in USP32<88>, which assess the suitability of materials (plastic article) intended for use in medical applications. The manufacturer of medical device with these products must evaluate and ensure the medical device fully meets the requirements of medical application regulations.





POLYPROPYLENE COMPOUND AUTOMOTIVE



SCRATCH RESISTANT

- Nano Technology
- Ultrastiff & tough high modulus
- High impact
- Scratch resistance
- Low shrinkage Zero gap parts

Applications

Instrument panel, Pillar trims,
Centre console, Scuff plates & Bumper

Tested on Erichsen scratch tester at 10 newton Load as per GME 60280 Speces









- Abrasion resistance
- Oil & solvent resistance
- Low temperature flexibility
- High pressure resistance
- Hydrolysis resistant grades available
- Flame retardant grades
- Outstanding mechanical properties
- Hardness ranging from Shore A98 to Shore A55

Applications

Caster wheels , gaskets Tubes, seals, belts & wire & cable



PVC ELASTOMER



- Based on PVC NBR
- Service temp -50°C to 105° C
- Hardness Shore A90 to A30
- Heat, Oil, Chemical & UV resistance
- Flexible Crack & abrasion resistance

Applications

Sports, Casual shoe soles, Sandal Straps

THERMOPLASTIC RUBBER SBS

NEW GENERATION TPR



- Hi flow free from surface defects
- Rich looks & feel
- Hardness Shore A75 to A30
- Super Flexible
- Crack resistant
- Abrasion resistant

Applications

Footwear: Soles





COMPOSTABLE BIOPOLYMERS

BASED ON PLA, PBAT, STARCH



- Fully Compostable
- Based on PLA, PBS, PBAT.
- Compostability Rate (1 12 Months)
- Injection, Thermoforming, Blown Film, Extrusion grades available.

Sector / Applications:

Packaging: Disposable, Industrial, Sheets, Food, Bags etc.

COPOLYESTER ELASTOMER TPEE



- Flame Retardant Grades
- Heat Resistant Grades Up To 150°C & 175°C
- Hardness 55D, 65D, 35D

Applications

Wire & Cable, Automotive















KK KOMPOUNDING TECH GIANT LTD.

Filix , 901 - C1, L.B.S. Marg, Bhandup (W),

Mumbai 400 078. India.

Tel: +91-22-61721888 / 9.

Website: www.kkthetechgiant.com

Email: kompounding@kkthetechgiant.com