



TECHNICAL COMPOUNDS ENGINEERING PLASTICS RE-CYCLED COMPOUNDS

Innovative Materials, Limitless Opportunities



INNOVATIVE SOLUTIONS FOR AUTOMOTIVE, ELECTRIC & ELECTRONIC, WHITE GOODS, HOME APPLIANCES, FLAME-RETARDANT THERMOPLASTICS & MORE...

- FREX: Flame retardant thermoplastic compounds
- GLEX: Glass fiber reinforced engineered compounds
- MLEX: Mineral filled polymer compounds
- NADVIN: Additives & Masterbatches for plastic processing
- VENAMID: Pa6 & Pa6.6 Compounds
- CYLRE: Sustainable Eco-Friendly Re-cycled plastic compounds

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- KOMET KIMYA VE ENERJİ A.Ş. SPECIALIZES IN THE PRODUCTION AND DEVELOPMENT OF TECHNICAL ENGINEERING PLASTICS AND POLYMER COMPOSITES FOR INJECTION MOLDING AND EXTRUSION APPLICATIONS.
- WE DELIVER INNOVATIVE AND COMPETITIVE SOLUTIONS FOR THE ELECTRICAL, WHITE GOODS, AUTOMOTIVE, FURNITURE, AND CONSTRUCTION INDUSTRIES, SPECIALIZING IN THE DEVELOPMENT AND PRODUCTION OF CUSTOMIZED THERMOPLASTIC COMPOUNDS.
- OUR COMPANY UTILIZES DOUBLE-SCREW EXTRUDER TECHNOLOGY AND HIGH-QUALITY, PRECISE EUROPEAN FEEDING & DOSING SYSTEMS, ENSURING OPTIMAL CUSTOMER SATISFACTION THROUGH HIGH-PERFORMANCE AND ACCURATE PRODUCTION PROCESSES.
- OUR COMMITMENT TO QUALITY BEGINS WITH THE ARRIVAL OF THE FIRST RAW MATERIALS AND CONTINUES THROUGH PRODUCTION, QUALITY CONTROL, PACKAGING, AND SHIPPING, CONSISTENTLY APPLIED TO THE HIGHEST STANDARDS AT EVERY STAGE.



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WE OFFER A DIVERSE RANGE OF PRODUCTS, INCLUDING BOTH ORIGINAL PLASTICS AND RECYCLED PLASTIC COMPOUNDS, DELIVERING SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY SOLUTIONS FOR VARIOUS INDUSTRIES. OUR PRODUCTS ARE FULLY COMPLIANT WITH REACH AND ROHS STANDARDS.

- PC (POLYCARBONATE)
- PC/ABS (PC & ABS BLENDS)
- ABS (ACRYLONITRILE BUTADIENE STYRENE)
- PA (POLYAMIDE)
- PP (POLYPROPYLENE)
- PE (POLYETHYLENE)
- SAN (STYRENE ACRYLONITRILE)
- PBT (POLYBUTYLEN TEREFTHALAT)
- PS (POLYSTYRENE)



CYLRIO 
Less Carbon Foot Print

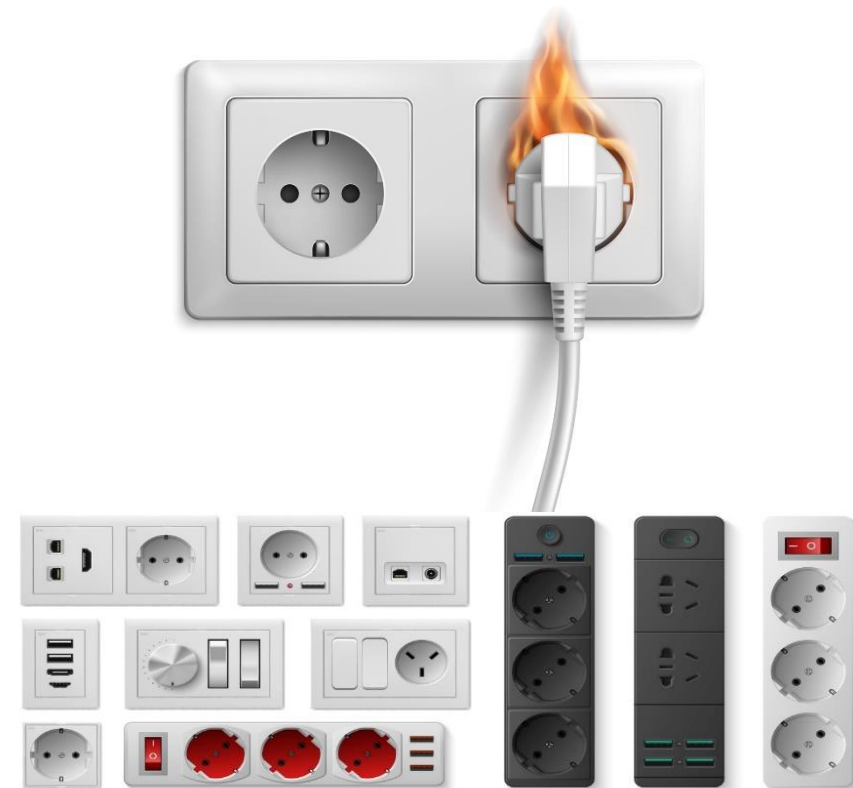


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FREX: FLAME RETARDANT THERMOPLASTICS COMPOUNDS

FREX FLAME RETARDANT COMPOUNDS AND ADDITIVES ARE PRODUCED TO MEET UL94 V0, V1, AND V2 CLASSIFICATIONS, AS WELL AS 850-960°C GLOW-WIRE (GW) TESTS, ENSURING FIRE RETARDANT PROPERTIES.

FREX COMPOUNDS ARE PRODUCED FROM ORIGINAL PLASTIC RAW MATERIALS. THEY ARE ALSO AVAILABLE AS RECYCLED MATERIALS. ALL FREX COMPOUNDS ARE ENSURING HIGH QUALITY STANDARDS. THESE PRODUCTS ARE AVAILABLE IN BOTH ENVIRONMENTALLY FRIENDLY RECYCLING OPTIONS AND ROBUST ORIGINAL FORMULAS, COMBINING SUSTAINABILITY WITH HIGH PERFORMANCE.





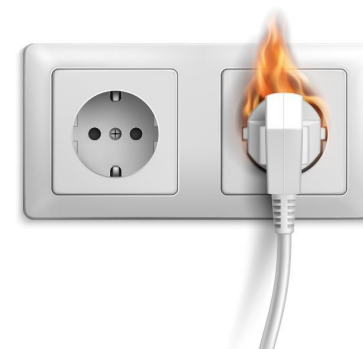
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FREX: FLAME RETARDANT THERMOPLASTICS COMPOUNDS

PRODUCTS & GRADES:

<u>PRODUT CODE</u>	<u>PRODUCT DETAILS</u>	<u>APPLICATION</u>
FREX PPM 001	PP COMPOUND FR RATING UL94 V2	-WALL SWITCH & SOCKETS
FREX PPM 002	PP COMPOUND FR RATING HB 750	-GROUP SOCKETS
FREX PPM 003	PP COMPOUND FR RATING UL94 V2	-HFFR – WHITE GOODS
FREX EG24001	PE ADDITIVE MB FR RATING UL94 V2	-ELECTRIC PIPE - EXTRUSION
FREX HG24001	PP ADDITIVE MB FR RATING UL94 V2	-ELECTRIC PARTS - INJECTION
FREX EG24002	PE ADDITIVE MB FR RATING UL94 V2	-HFFR – WHITE GOODS
FREX PAM 001	PA COMPOUND FR RATING UL94 V2	-WALL SWITCH & SOCKETS
FREX PAM 002	PA COMPOUND FR RATING UL94 V0	-ELECTRIC PARTS
FREX ACP B1	FLAME RETARDANT - B1 FR COMPOUND FOR ALUMINIUM COMPOSITE PANELS	

OTHER FREX GRADES / COMPOUNDS IN PBT, ABS, PC ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT.





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GLEX: GLASS FIBER REINFORCED ENGINEERED COMPOUNDS

GLASS FIBER REINFORCED ENGINEERING COMPOUNDS OFFER EXCEPTIONAL MECHANICAL PROPERTIES, HIGH STRENGTH, AND TEMPERATURE RESISTANCE, DELIVERING RELIABLE AND EFFICIENT SOLUTIONS IN INDUSTRIES LIKE AUTOMOTIVE, HOME APPLIANCES, AND CONSTRUCTION.

GLEX COMPOUNDS ARE AVAILABLE IN CUSTOMIZED FORMULAS MADE FROM ORIGINAL PLASTIC RAW MATERIALS OR RECYCLED MATERIALS. WITH THE USE OF INNOVATIVE RAW MATERIALS THAT OFFER BOTH SUSTAINABLE RECYCLING SOLUTIONS AND EXCEPTIONAL QUALITY, WE PROVIDE THE IDEAL OPTIONS TO MEET YOUR NEEDS.



CYLREO
Less Carbon Foot Print



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GLEX: GLASS FIBER REINFORCED ENGINEERED COMPOUNDS

PRODUCTS & GRADES

<u>PRODUCT CODE</u>	<u>PRODUCT DETAILS</u>	<u>APPLICATION</u>
GLEX PP GF20	20% GLASS FIBER REINFORCED PP	INJECTION OF PARTS, WHITE GOODS
GLEX PP GF30	30% GLASS FIBER REINFORCED PP	INJECTION FITTINGS & GARDEN FURNITURE
GLEX PP GF40	40% GLASS FIBER REINFORCED PP	INJECTION GARDEN FURNITURE
GLEX PP GF50	50% GLASS FIBER REINFORCED PP	INJECTION AUTOMOTIVE & OFFICE FURNITURE
GLEX PPRC GF20	20% GLASS FIBER REINFORCED PPRC	PIPE EXTRUSION
GLEX PPRC GF30	30% GLASS FIBER REINFORCED PPRC	PIPE EXTRUSION & FITTINGS
GLEX PPRC GF40	40% GLASS FIBER REINFORCED PPRC	PIPE EXTRUSION & FITTINGS
GLEX PBT GF15	15% GLASS FIBER REINFORCED PBT	INJECTION SWITCH & SOCKETS
GLEX PC GF10	10% GLASS FIBER REINFORCED PC	INJECTION SWITCH & SOCKETS

OTHER GLEX GRADES / COMPOUNDS IN PBT, ABS, PC ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT.



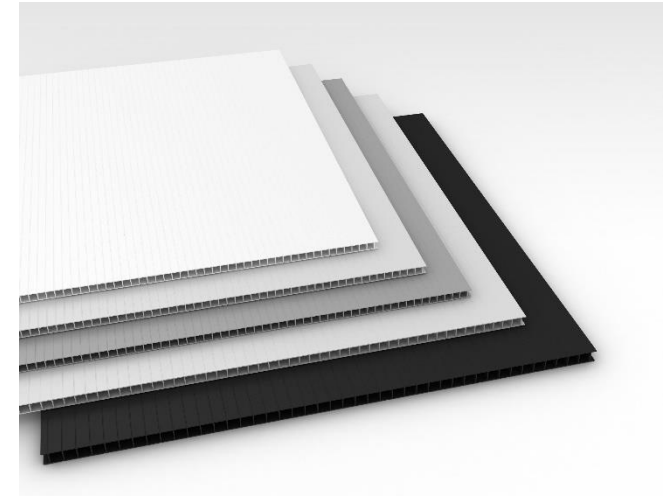


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MLEX: MINERAL FILLED POLYMER COMPOUNDS

MINERAL FILLED POLYMER COMPOUNDS ARE FORTIFIED WITH MINERALS LIKE TALC, CALCITE, AND BARITE TO DELIVER SUPERIOR RIGIDITY, HARDNESS, AND DIMENSIONAL STABILITY. THESE MATERIALS PROVIDE EFFICIENT AND COST-EFFECTIVE SOLUTIONS ACROSS A BROAD RANGE OF INDUSTRIES, INCLUDING AUTOMOTIVE AND CONSTRUCTION.

WE PROVIDE OUR FILLED COMPOUND PRODUCTS USING BOTH ORIGINAL PLASTIC RAW MATERIALS AND HIGH-PERFORMANCE, STANDARD, COST-EFFECTIVE, AND ECO-FRIENDLY RECYCLED PLASTICS.



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MLEX: MINERAL FILLED POLYMER COMPOUNDS

PRODUCTS & GRADES

<u>PRODUCT CODE</u>	<u>PRODUCT DETAILS</u>	<u>APPLICATION</u>
MLEX PP BA20	20% BARIUM FILLED PP	INJECTION PARTS
MLEX PP BA30	30% BARIUM FILLED PP	EXTRUSION INSULATION BOARDS
MLEX PP BA40	40% BARIUM FILLED PP	INJECTION FITTINGS
MLEX PP BA50	50% BARIUM FILLED PP	EXTRUSION PIPE
MLEX PP TD20	20% TALC FILLED PP	EXTRUSION SHEET
MLEX PP TD30	30% TALC FILLED PP	INJECTION PARTS AUTOMOTIVE
MLEX PP TD40	40% TALC FILLED PP	INJECTION PARTS WHITE GOODS
MLEX ABS TD25	25% TALC FILLED ABS	EXTRUSION SHEET
MLEX PP CA50	50% CACO FILLED PP	RAFFIA EXTRUSION
MLEX PE CA60	60% CACO FILLED PE	EXTRUSION + BLOW MOLDING
MLEX ABS CA30	30% CACO FILLED ABS	EXTRUSION SHEET

OTHER MLEX GRADES / COMPOUNDS IN ABS, PS, PP, PE ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT.





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VENAMID: PA6 & PA6.6 ENGINEERING COMPOUNDS

GLASS FIBRE REINFORCED, TALC FILLED OR FIRE RETARDANT PA6 AND PA6.6 ENGINEERING COMPOUNDS OFFER HIGH DURABILITY, HEAT RESISTANCE AND EXCELLENT MECHANICAL PROPERTIES, MAKING THEM IDEAL SOLUTIONS FOR A WIDE RANGE OF INDUSTRIAL APPLICATIONS.

VENAMID PA COMPOUNDS ARE AVAILABLE IN TAILORED FORMULATIONS, PRODUCED FROM EITHER VIRGIN PLASTIC MATERIALS OR RECYCLED SOURCES. WITH CUTTING-EDGE MATERIALS THAT ENSURE SUSTAINABLE RECYCLING AND HIGH QUALITY, WE OFFER IDEAL SOLUTIONS TO SUIT YOUR SPECIFIC NEEDS.



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VENAMID: PA6 & PA6.6 ENGINEERING COMPOUNDS

PRODUCTS & GRADES

<u>PRODUCT CODE</u>	<u>PRODUCT DETAILS</u>	<u>APPLICATION</u>
VENAMID PA6 GF20	20% GLASS FIBER REINFORCED PA6	OFFICE FURNITURE
VENAMID PA6 GF20	20% GLASS FIBER REINFORCED PA6	INJECTION ELECTRIC & LIGHTING
VENAMID PA6 GF30	30% GLASS FIBER REINFORCED PA6	AUTOMOTIVE
VENAMID PA6 GF40	40% GLASS FIBER REINFORCED PA6	INJECTION PARTS
VENAMID PA66 GF40	40% GLASS FIBER REINFORCED PA66	INJECTION AUTOMOTIVE
VENAMID PA66 GF50	50% GLASS FIBER REINFORCED PA66	WASHING MACHINES
VENAMID PA66 GF30	30% GLASS FIBER REINFORCED PA66	EXTRUSION INSULATION PROFILES

OTHER VENAMID GRADES / COMPOUNDS ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT





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NADVIN: MASTERBATCH AND ADDITIVES FOR PLASTIC PROCESSING

WE MANUFACTURE HIGH-PERFORMANCE ADDITIVES DESIGNED TO ENHANCE THE PROCESSING OF PLASTIC RAW MATERIALS, BOOST THE PRODUCTS' RESISTANCE TO ENVIRONMENTAL FACTORS AND IMPACTS, AND IMPROVE THEIR VISUAL APPEAL.

WE OFFER HIGHLY EFFECTIVE PROCESSING AID MASTERBATCHES FOR APPLICATIONS AS CAST FILM, BLOWN FILM, SHEET EXTRUSION, BREATHABLE FILM, CABLE EXTRUSION, INJECTION MOLDING, ETC. ALL APPROVED FOR FOOD CONTACT.

- WHITE MASTERBATCH
- PPA – PROCESSING AID ADDITIVE MASTERBATCH (TO REDUCE MELT-FRACTURE)
- UV MASTERBATCH
- SLIP & ANTI-BLOCK MASTERBATCH
- BLOCK MASTERBATCH
- ANTI-FOG MASTERBATCH
- DESICCANT MASTERBATCH – TO REDUCE HUMIDITY PROBLEMS
- IMPACT MODIFIER ADDITIVE





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NADVIN: MASTERBATCH AND ADDITIVES FOR PLASTIC PROCESSING

PRODUCTS & GRADES

<u>PRODUCT CODE</u>	<u>PRODUCT DETAILS</u>	<u>APPLICATION</u>
NADVIN W800	TiO2 BASED WHITE MASTERBATCH	PACKAGING PE BLOW MOLDING & BLOWN FILM
NADVIN W700	TiO2 BASED WHITE MASTERBATCH	PACKAGING PP INJECTION BUCKETS
NADVIN W600	TiO2 BASED WHITE MASTERBATCH	PIPE/FITTING PP EXTRUSION OF PIPES
NADVIN W500	TiO2 BASED WHITE MASTERBATCH	PACKAGING PP+PS SHEET THERMOFORMING
NADVIN UV24100	UV ADDITIVE MB	PP RAFFIA TAPES EXTRUSION
NADVIN PA10000	PROCESSING AID MASTERBATCH	PACKAGING PE+PP EXTRUSION & BLOWN FILM
NADVIN SL18000	SLIP ADDITIVE MB	PACKAGING PE+PP EXTRUSION & BLOWN FILM
NADVIN DS41000	DESICCANT ADDITIVE MB	EXTRUSION & RECYCLING

OTHER NADVIN ADDITIVES ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT.





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CYLRE – Less Carbon Foot Print

THE WORK OF ENVIRONMENTAL ORGANISATIONS, GOVERNMENT MINISTRIES AND SOCIAL GROUPS AROUND THE WORLD HAS PLAYED AN IMPORTANT ROLE IN RAISING ENVIRONMENTAL AWARENESS AND SENSITIVITY. PLASTIC RAW MATERIAL USERS, ACTING WITH THIS AWARENESS, HAVE TAKEN STEPS TO REDUCE THE USE OF VIRGIN RAW MATERIALS AND TO INCLUDE RECYCLED PLASTICS IN THEIR PRODUCTION PROCESSES. AT KOMET KIMYA, IN RESPONSE TO CUSTOMER DEMANDS, WE HAVE MADE EFFORTS TO QUALIFY RECYCLED PLASTICS AND USE THEM IN PRODUCTION TO REDUCE ENVIRONMENTAL IMPACT AND IMPROVE SUSTAINABILITY. IN THIS CONTEXT, OUR CYLRE (LESS CARBON FOOTPRINT) BRAND, WHICH WE HAVE DEVELOPED TO MAKE OUR WORLD A BETTER PLACE TO LIVE IN, HAS BEEN MADE AVAILABLE TO OUR CUSTOMERS. WE OFFER A WIDE RANGE OF SERVICES TO OUR CUSTOMERS WITH PC, PC/ABS, ABS, PA AND PP PRODUCT GROUPS. OUR PRODUCTS CONTAIN 25% TO 100% RECYCLED RAW MATERIALS AND ARE IN THE PROCESS OF BEING CERTIFIED ACCORDING TO SUSTAINABILITY STANDARDS.





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CYLRE: PCR AND PIR DERIVED RECYCLED THERMOPLASTIC COMPOUNDS.

BY UTILIZING PCR (POST-CONSUMER RECYCLED) AND PIR (POST-INDUSTRIAL RECYCLED) PLASTICS, WE DELIVER RECYCLED AND SUSTAINABLE PLASTIC COMPOUNDING SOLUTIONS, OFFERING ECO-FRIENDLY AND COST-EFFECTIVE ALTERNATIVES. OUR COMMITMENT TO CONSISTENT TECHNICAL VALUES AND STANDARDS IN EVERY PRODUCT BATCH GUARANTEES RELIABLE QUALITY IN REPLACING TRADITIONAL PLASTIC RAW MATERIALS.

CYLRE PRODUCTS:

- CYLRE PC 101
- CYLRE ABS 303
- CYLRE PC/ABS 505
- CYLRE PA 606

CYLRE PBT, PS, PP GRADES WILL BE OFFERED.





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CYLRE: SUSTAINABLE ECO-FRIENDLY RE-CYCLED PLASTIC COMPOUNDS (S.E.R.)

PRODUCTS & GRADES

PRODUCT CODE

CYLRE PC 101 R
CYLRE PC 101 M
CYLRE ABS 303 M
CYLRE ABS 303 E
CYLRE PC/ABS R

PRODUCT DETAILS

PC EASY FLOW
PC HIGH IMPACT
ABS HIGH IMPACT
ABS EASY FLOW MEDIUM IMPACT
PC/ABS EASY FLOW

APPLICATION

INJECTION WALL SWITCHES
INJECTION SWITCH & SOCKETS
INJECTION - PARTS DISH WASHERS
INJECTION - ELECTRIC SWITCH BOX
INJECTION - PARTS DRYERS

CYLRE GRADES ARE AVAILABLE;

- UNFILLED
- IMPACT MODIFIED
- FLAME RETARDANT
- GLASS FIBER REINFORCED
- TALC FILLED

OTHER CYLRE GRADES / COMPOUNDS ARE AVAILABLE. PLEASE CONTACT YOUR SALES AGENT.





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LABORATORY FACILITIES

- MELT FLOW
- TENSILE & ELONGATION
- IZOD
- FLAME RATING TESTS (HORIZONTAL & VERTICAL)
- GLOW WIRE
- ASH CONTENT
- HUMIDITY
- DENSITY
- SHORE



OUR COMPOUNDS ARE REACH & ROHS COMPLAINT.



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SUPPLY CHAIN MANAGEMENT : YOUR EFFICIENT AND ETHICAL BUSINESS PARTNER

WITH ALMOST 30 YEARS OF EXPERIENCE IN INTERNATIONAL TRADE, WE FOCUS ON EFFECTIVE SUPPLY CHAIN MANAGEMENT TO ENSURE TIMELY AND RELIABLE PRODUCT DELIVERY FOR OUR CUSTOMERS. BY CAREFULLY PLANNING EVERY STEP—FROM RAW MATERIAL SOURCING THROUGH PRODUCTION, LOGISTICS, AND AFTER-SALES SERVICE—WE MAINTAIN A SUSTAINABLE AND EFFICIENT OPERATION. OUR GLOBAL SUPPLY NETWORK EMPOWERS US TO OFFER OPTIMAL SOLUTIONS TO OUR BUSINESS PARTNERS, ENHANCING FLEXIBILITY AND COMPETITIVE ADVANTAGE.

PRODUCTS:

- PERFORMANCE POLYMERS & ELASTOMERS (POE, EMA, EBA)
- FLAME RETARDANT ADDITIVES
- PLATCIZERS
- FUMED SILICA
- MINERALS: TALC – BARIUM SULPHATE – HYDROMAGNEZIT



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COMPANY INFORMATION:

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-FREX, GLEX, MLEX, VENAMID, NADVİN, CYLRE «LESS CARBON FOOT PRINT»
ARE REGISTERED TRADE MARKS OF KOMET KİMYA VE ENERJİ SAN. TİC. A.Ş.

