



**Building Relations
Based On
Integrity, Trust &
Reciprocal Profit**



**Over 2 Decades
of Service In
International
Business**

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About Us

We, at **NELION EXPORTS**, thank you for the opportunity & privilege to introduce services offered under our banner.

Hailing from Mumbai, India's financial capital, **NELION EXPORTS** is a Government recognised Export House engaged in the supplies of industrial products and equipments.

With over 2 decades of service in International Business, **NELION EXPORTS** has acclaimed a respectable position with it's clientele, which has resulted in the increase of it's product range, primarily suited for manufacturing industries. This, in turn, has established us as a house for one's industrial needs, under one roof.

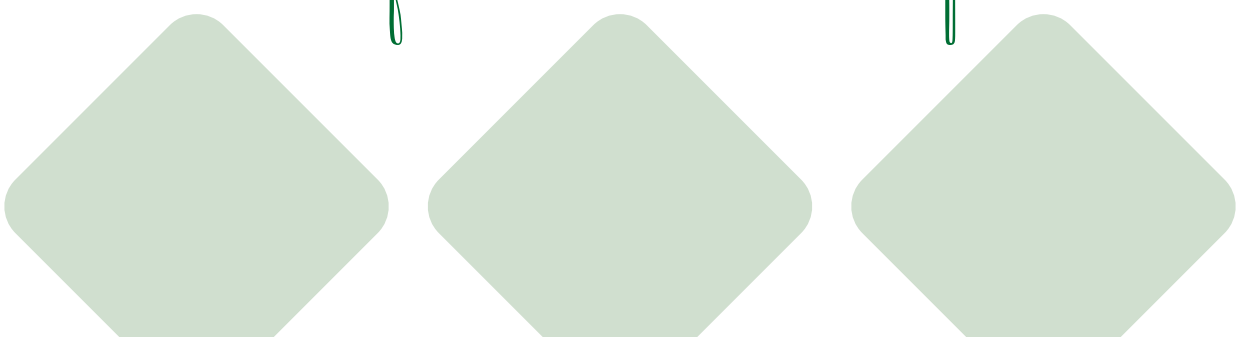
Out of the experiences in the journey so far, **NELION EXPORTS** has put continual efforts towards supplies of quality products with prompt service.

Having started as a merchant exporter for dyes & chemicals in the millennium year 2000, **NELION EXPORTS** has emerged as a front runner in the supplies to *STEEL PLANTS* for their functional needs. Gradual, progressive growth has enabled us touch upon every segment, gearing us to drive through the different opportunities arising from time to time, hence enhancing our technocommercial skills.

Loyalty with our principals, has further added strength, by providing adequate technical support, enabling clients to improve their operational & technical know-how & hence scale up their manufacturing setups to achieve commercial competence.

Treading the path with the Vision of “*Building Relations Through Trust & Reciprocal Profit*”, **NELION EXPORTS** has stood by thick with it's associates hence ensuring a “WIN-WIN” situation at all times.

Stay Connected with your Trusted Sourcing
Partner from India... Nelion Exports



Product Offering

Primary Processing Machineries For Steel

Consumables & Accessories For Steel Processing

Induction Furnace Spares

Continuous Casting Machine Spares

Mechanical Spares

Safety Equipments

Laboratory Products

Electricals

Special Purpose Instruments / Equipments

Special Purpose Additives For Rubberised Products



Primary Processing Machineries For Steel



Induction Furnace for Steel Melt Shop: We provide induction furnace for ferrous metals (iron & steel) that gives you superior performance & minimizes the heat loss during the process. The capacity ranges from 500 kgs to 30 tonnes.



Billet Continuous Casting Machine: Continuous casting, also called strand casting, is the process whereby molten metal is solidified into a “semi-finished” billet, bloom, or slab for subsequent rolling in the finishing mills. Continuous casting is an energy-saving technique to cast the molten steel to a section shape or a certain size billet continuously.



Primary Processing Machineries For Steel



Argon, Oxygen Decarburization (AOD System): Metal refining converter is used for modifying steel of various grades. Molten steel produced from induction furnace or electric arc furnace is poured into ladle & is subsequently poured into the converter with the help of E.O.T. crane. Before pouring the molten metal, some important parameters like its temperature & chemical composition are analyzed. Based on this analysis, molten steel is refined by the addition of required alloys & fluxes. Inert gases are also blown into the converter simultaneously.



Steel Rolling Mill: We provide complete solutions right from Concept to Commissioning which includes products & service for the following range of hot steel rolling mills - Bar rod mills, Section mills & Wire rod mills. The mills can be semi-automatic or fully automatic.

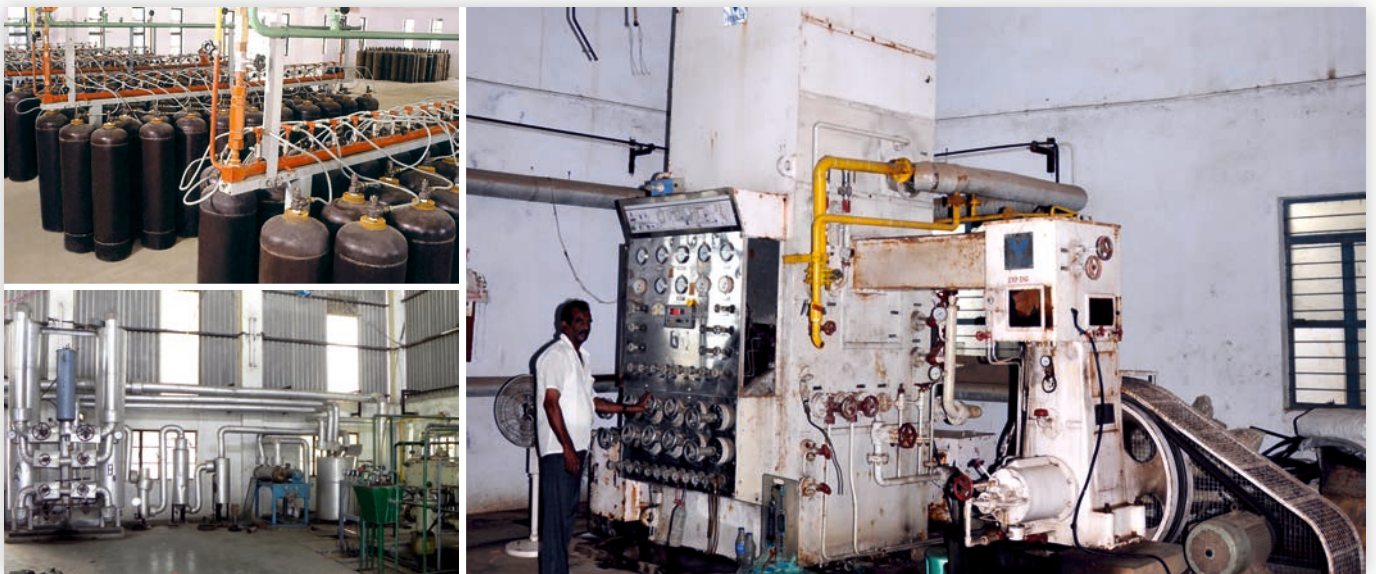
Finished Products: Wire rods, TMT bars, Sections (I beam, angles, channels, flats, Z section, C section).



Primary Processing Machineries For Steel



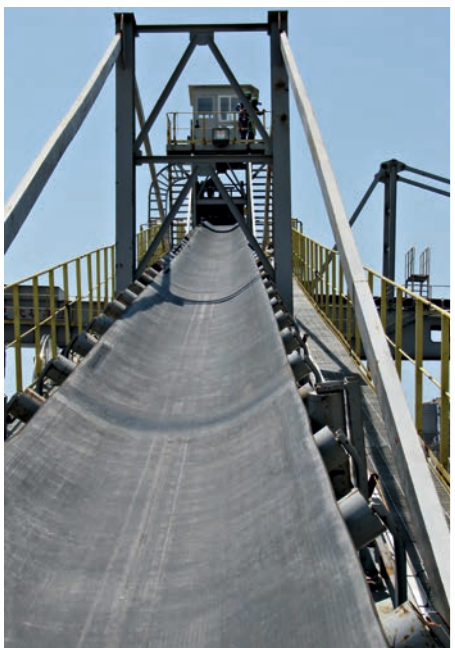
Fume Extraction System (Pollution Control System): Environmental care forms an integral process for any manufacturing industry. Fume Extraction System is a necessary unit for steel plants to capture dust particles from the smoke being emitted during steel melting. The smoke emitted is captured through high pressure suction hoods, which passes through a process involving bag filters so that clean air is released back in the environment.



Oxygen, Nitrogen & Acetylene Gas Plant: Every steel manufacturing unit would require Oxygen & Acetylene for cutting scrap, or Oxygen & Nitrogen for purging in the process of metal purification. **NELION EXPORTS** has been instrumental in supplying gas plants hence enhancing the manufacturing process.



Primary Processing Machineries For Steel



Auxiliary Machineries for Industrial Use:

- Material Handling: EOT cranes, Electro hydraulic grabs, Mechanical pushers, Lifting magnets, Forklifts, Hydraulic cranes, Conveyor systems, Tractors with backhoe loader, Conveyor belts
- Air compressors
- Cooling towers
- Weighing Solutions: Weighbridge & Weighing scales suitable for EOT cranes
- Testing and measuring equipments
- Water Treatment Plant: RO plants/ DM plants
- Workshop machinery
- Diesel generating sets (DG sets)
- Transformer oil/ Hydraulic oil/ Gear oil filtration machines

Primary Processing Machineries For Steel



Steel Processing Machinery:

- Wire Drawing Machine
- Nail Making Machine
- Chain Link & Fence Link Machine
- Cut To Length Machine
- Angle Straightening Machine
- CNC Rib Cutting Machine
- Roll Branding Machine

- Spectrometer
- Argon Purifier
- Billet Shear For Hot Billet Shearing
- Scrap Bundling Machine
- Scrap Shredders
- Vibratory Feeder
- Temperature & Measuring Instrument
- Universal Testing Machine (UTM)



Steel Processing Additives / Chemicals / Accessories:

- Wire Drawing Powder (Lubricants)
- Galvanising Chemicals
- Additives For Manufacturing Aluminium (Degasser, Nucleants, Cover-Flux, Foundry Flux, Magnesium / Sodium / Calcium Remover)
- Aluminium Shots / Ingots (88 % upto 95% Purity)
- Scouring Pads
- Silicon Carbide Crucibles
- Surface Treatment Chemicals for Colour Coating / Zinc Coating on Cold Rolled Sheets

Consumables & Accessories for Steel Processing



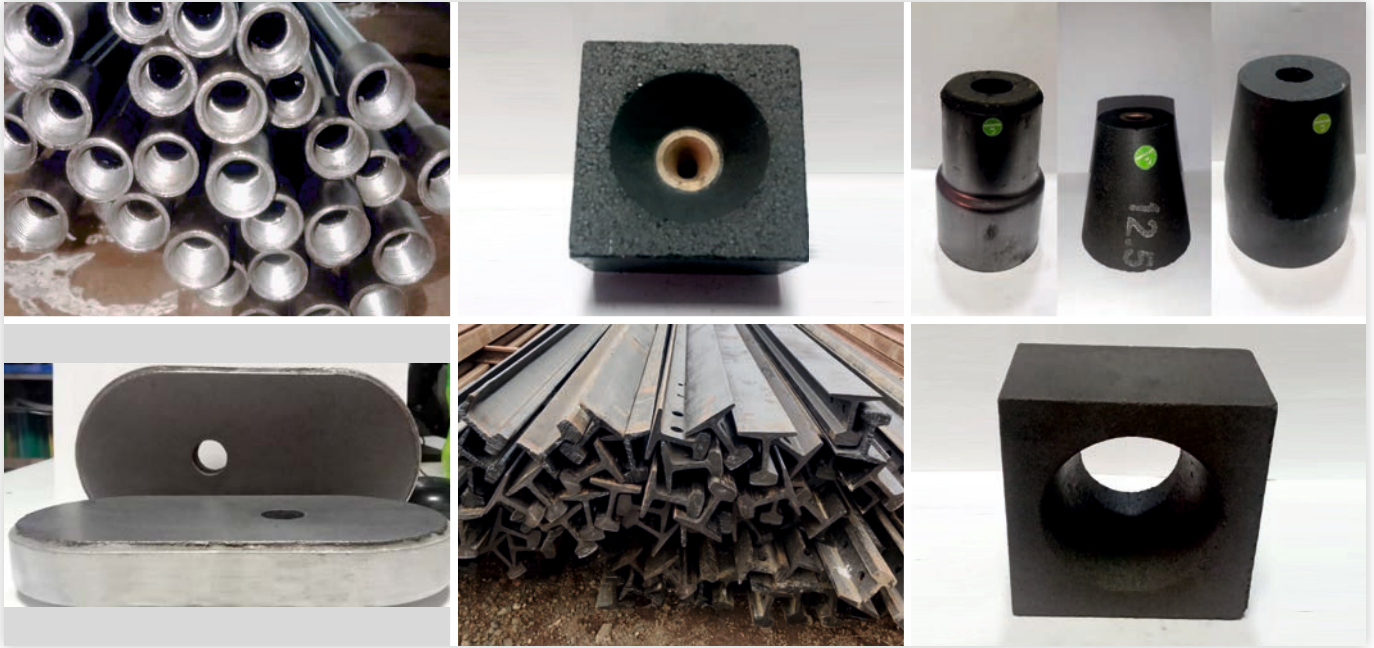
Induction Furnace Spares



- Yoke Mica
- PTFE Sheets
- Insulation Material
- Flexible Mica Glass Ceramic Sheet
- Syndanio Sheet
- Flexocoat Hardener & Base
- FRP Sheet
- Carbon Free Hose Pipe
- Water Test Kit
- Poly Carbonate Tube
- Magnetic Flow Switch
- Mix Bed Resin
- PVC Fills
- Plate Type Heat Exchanger

- Wire Wound Resistors
- Insulators
- Water cooled Capacitor
- Furnace Change Over Switch
- Diode
- SCR
- Control Card
- Copper Square & Rectangular Tube
- Clamps
- Brazing Rod
- Ceramic Mill Boards
- Ceramic Rope
- Ceramic Cloth
- Ceramic Fiber Tape

Consumables & Accessories for Steel Processing



Ferro Alloy Products: Ferro alloys are used as additives, to enhance the properties of steel.

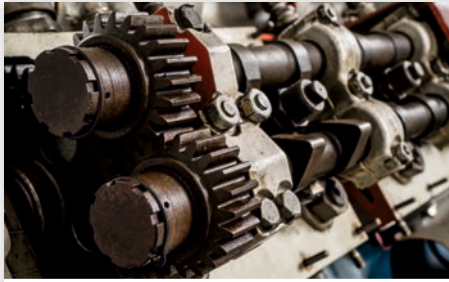
Our supply range in Ferro Alloys includes:

- Ferro Silicon
- Ferro Manganese
- Ferro Chrome
- Ferro Silico Manganese
- Ferro Silicon Calcium
- Silicon Carbide

Consumables & Accessories for Steel Plant (Steel melt shop, Continuous casting machine, Rolling mill): NELION EXPORTS has provisioned the supply of all the consumables & accessories that go into the process of manufacturing **MILD STEEL**. Our association with the principals has enhanced our supply competence, thanks to the regular technical guidance & support from them at all times. Of the varied list, a few products have been enlisted down below for referral.

- Ramming Mass
- Boric Acid Powder
- Mortar and Castable (Whyt Heat A/ K, Mortars, etc)
- Silica Tundish Boards
- Garpack
- Garseal
- Bentonite Powder
- 1QC & 2 QC Slide Gate System
- Cast Iron Plug
- HR Plates (2.5 mm upto 100 mm thickness)
- Shearing Blades
- C I Couplings
- Ladle
- C I Funnel
- Graphite Powder
- Tundish Well Block
- Ladle Well Block
- Ladle Nozzle
- Collector Nozzle
- Porous Plug GP II & Well Block
- Tundish Well Block
- Tundish Nozzle
- Binding Wire
- C I Slag Pot
- Rolling Mill Rolls
- Rolling Mill Chokes
- C I Rails
- Tundish
- Perlite Powder
- Lancing Pipes
- Copper Mould Tube
- Thermocouple Tips
- Nozzle Filling Compound
- Casting Powder
- Radex
- Nylon Pads
- Ceramic Sheets
- Dummy Bar Bolt
- Bottom Pouring Set
- Guide Box spares
- Spindles & Shafts
- C I Doors for Rolling Mill
- Universal Joints
- Fire Clay
- Refractory Bricks

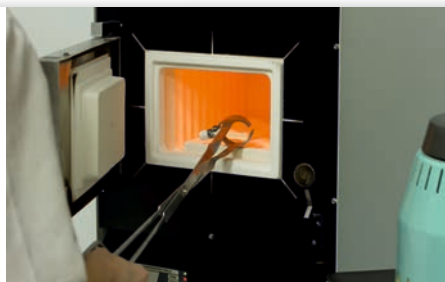
Continuous Casting Machine Spares



- Pusher Cylinder
- Straighter Entry & Exit Cylinder
- DBR (Dummy Bar Receiver)
- RDBG (Retractable Dummy Bar Guide)
- Slide Gate Cylinder
- Hydraulic Shear Cylinder
- Pneumatic Cylinder for Shear Machine
- Mould Jacket
- Silicon 'O' Ring
- Mould Oscillation
- Roller Apron
- Discharge Roller Table

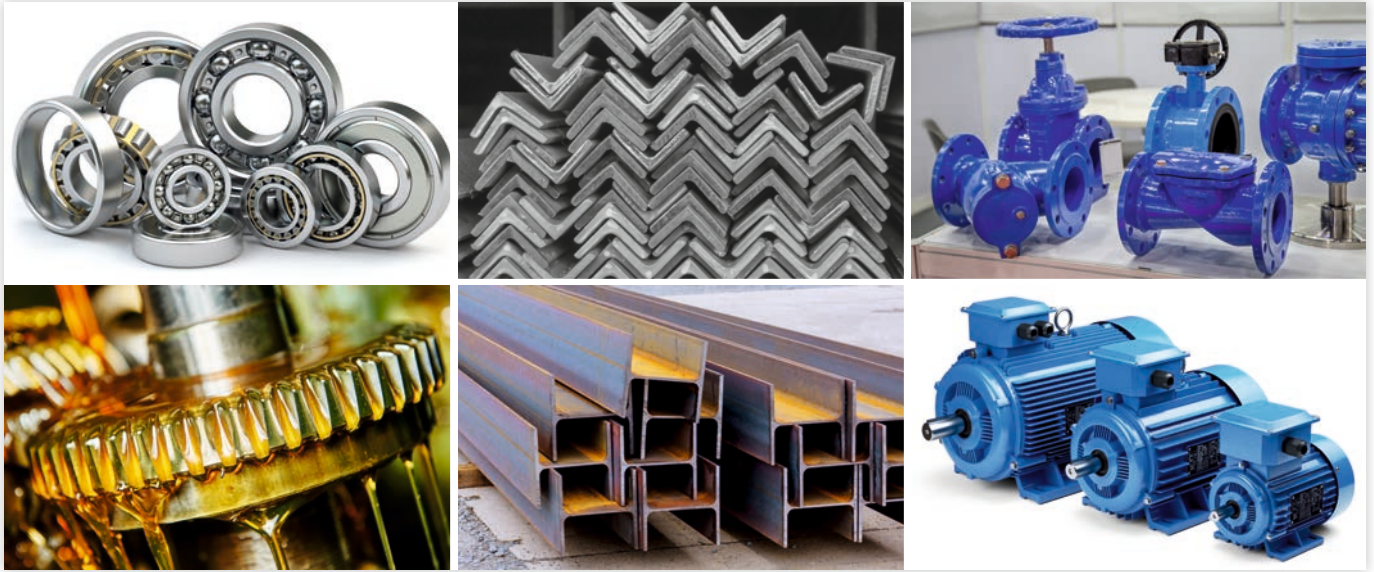
- Carbon Shaft
- Guide Bush
- Guide Roller
- Eccentric Assembly
- Damper Assembly
- Expansion Water Bellow
- Propeller Shaft
- Mould Table Assembly
- Tundish Car
- Auto Cutter
- Spray Pipe Zone
- Hydraulic Power Pack

Laboratory Products



QC & QA form the most essential segment in any manufacturing activity. **NELION EXPORTS** has added the range of laboratory supplies to their list of products hence enhancing the product range. Superior range of Scientific and Analytical laboratory instruments form a part of our list. Of the many products being dealt with, find below the list of a few - Carbon & Sulphur apparatus, Abrasive cut-off machines, Sample polishing machine, Antibiotic zone reader, BOD incubator, Bulk density Test apparatus, Constant temperature water bath, Hot air oven, Hot plate, Muffle furnace, Tablet hardness tester, U V cabinet, Platform balance, Digital refractometer, Digital viscometer, Digital balance, microscope, Water distillation unit, RO+UV+DI system, Fume hood, Conductivity meter and laboratory chemicals.

Mechanical Spares



Nelion Exports is engaged in the supply of all types of mechanical & electrical spares pertaining to any industrial needs. Since past over a decade, our supply of these spares has increased considerably. To name a few, the list goes as below.

- Oxygen Plant Spares
- Industrial Bearings
- Industrial Valves
- Fastener Products
- Transmission Products (Belts, Gears, Conveyor Systems, Drives, Chains, Couplings, Sprockets, Universal Joints, etc.)
- Helical Springs
- Pipes & Fittings
- Lubrication Oils & Greases
- Industrial Motors & Pumps
- Hydraulic & Pneumatic Cylinders
- Gear Boxes
- 'O' Rings / Gaskets / Nozzles
- Bearings & Bearing Housings / Plummer Blocks
- Gas Cutting Torches
- Welding Rods / Welding Cables
- Boiler Burners
- Steel Structures

Safety Equipments



Any industry would require to ensure safety of their people, while in operation. **NELION EXPORTS** is engaged in the supply of safety gears as enlisted below:

- Safety Hand Gloves
- Emergency Safety Showers
- Fire Fighting Equipments & Accessories
- Welding Protection Equipments & Accessories
- Uniforms
- Safety Shoes
- Helmets
- Safety Goggles
- Respiratory Protection

Electricals



Substation Equipment:

NELION EXPORTS has successfully executed 4 projects in East Africa for supply, execution & installation of 66 / 11 kV Substation. The supplies included:

- Power Transformers in 66/11 kV class, up to 18 MVA
- Distribution Transformers

Control & Relay Panel (A Control & Relay Panel solution is designed to remotely control several feeders, through Medium voltage indoor and outdoor switchgear in primary distribution substation).

Switchgears Equipment (LV up to 132 kV):

- Isolators
- Lightning Arrestors
- Current Transformer
- Voltage Transformer
- Circuit Breakers (indoor / outdoor type – 11 kV up to 220 kV rating)

(This includes widest range of Medium to Ultra High Voltage (UHV) switchgear products, including Gas Insulated Circuit breakers (GIS) and Vacuum Circuit Breakers, SF6 circuit breakers to meet the requirements of power generation and distribution substations as utilities and industries.)

Additional Equipment forming a part of the substation: Battery & Battery charger

Electrical Panels: APFC, LV distribution boards, MCC, PCC.

Transmission Line Spares:

- Suspension Cross Arm
- T-off / Dead Cross Arm
- TT / Heavy Angle Cross Arm
- Bolt & Nut with Washer
- Big & Small Collar
- Tie Strap
- Composite Line Tension Insulator
- Aluminium Clamps

Electrical Accessories Includes: Power Contractors, MCCB, RCCB, Fuse, Electrical Switches, Cable Tray, Cable Lugs, Cable Glands, Tube Terminal Connector, Relays, AC Switch, Pneumatic Limit / Float Switches, PVC Cable Duct, Timer, Push Button, LED Indicators, Electrical cables (Power Cables / Instrumentation Cables), Termination Kits, Capacitors, including UPS / Inverter, Automatic Voltage Regulator / Stabilizer, Electrical Busbar.

Special Purpose Instruments / Equipments



The control systems and field instruments are working at the various processes of the iron and steel plant. The process of iron and steel plant is starting from Sinter plant, Coke oven etc, and the blast furnace, iron pre-treatment are following. The products are widely used at furnace control and utilities in important processes (such as continuous casting machine (CCM) in downstream of iron / steel making process. Similar products are also provisioned for supply to cement industries upon request.

- Electro Magnetic Flow Meter
- Power & Blow Station
- Oxygen Enrichment System
- Pickling Line Bath Temperature Control System
- Vibration Monitoring System
- Gas Analyser
- Level Measuring Instrument
- Pressure Measuring Instrument
- Flow Measurement Instrument for liquid, gas and steam

Special Purpose Additives For Rubberized Products



- Natural Rubber
- Activator
- Co-agents
- Blowing Agents
- Colour & Pigments
- Bonderite
- Kleenol L
- Plastaid - Gr945
- PPT Silica

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The information and recommendation provided herein are based on the results of comprehensive trials, experience and current usage of the products. The applications are such that it is impossible for us to accept liability for all the potential uses of this product without us having given specific written application details concerning the intended use. In the absence of such specific details we strongly recommend that the user test the suitability of the product prior to bulk usage. Any further information can be provided on request. The status and availability of the products listed can change without prior notice. Applicable intellectual property rights apply.