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PP
Tecnoprene® Glass fiber reinforced Polypropylene (PP/GF)
Polifor® Flame retardant, reinforced, filled, aesthetic compounds
Talcoprene® Talc filled Polypropylene (PP/TALC)
Carboprene® Calcium Carbonate filled Polypropylene (PP/CA)

PA 6, PA 66
Nivionplast® Polyamide compounds
Nylfor® Polyamide compounds
Nylfor R® Recycled textile Polyamide compounds

PBT
Pibifor® Polybutylene Terephthalate compounds (PBT)
Pibiter® Polybutylene Terephthalate compounds (PBT)
Pibiter HI® Polybutylene Terephthalate / Polycarbonate (PBT/PC)

PC/ABS
Blendafor® Polycarbonate / ABS compounds (PC/ABS)
Reblend® Polycarbonate / ABS compounds (PC/ABS)

ABS
Abistir® Acrylonitrile-Butadiene-Styrene compounds (ABS)
Retelan® Acrylonitrile-Butadiene-Styrene compounds (ABS)

PC, PS, SAN, PPE
Cabofor® Polycarbonate compounds (PC)
Stirofor® High-impact Polystyrene compounds (HI-PS)
Sanfor® Styrene-Acrylonitrile Copolymer compounds (SAN)
Norfor® Polyphenylene Oxide compounds (PPE)
“We strive to offer our customers innovative solutions through a wide portfolio of products and services at a global level”

PRODUCT RANGE
• The widest range of products in Europe
• One single partner for hard/soft applications

STATE-OF-THE-ART TECHNOLOGY
• Fully automated processing product
• Cutting edge technologies

GLOBAL PRESENCE
• 7 companies and over 50 export destinations worldwide

CONTINUOUS INNOVATION
• SO.F.TER. Research Center promotes and coordinates the technological innovation in all business areas
• Integrated approach and focus on hard/soft systems

ENGINEERING
3R – benefits for the customer:
• Reduction of time-to-market: from the design to the object quickly and well
• Reduction of costs thanks to the correct design of the mould and optimized injection flows
• Reduction of risks caused by production faults
Growing global

SO.F.TER. US
Located: Lebanon, TN
Production: TPE, ETP
Capacity: 23,000 tons/year

SO.F.TER. MEXICO
Located: Silao, Guanajuato
Production: TPE, ETP
Capacity: 20,000 tons/year

SO.F.TER. BRASIL
Located: Campo Bom, RS
Production: TPE, ETP
Capacity: 10,000 tons/year

SO.F.TER. SPA
Headquarters
Located: Forlì, Italy
Production: TPE, ETP
Capacity: 120,000 tons/year

SO.F.TER. TECNOPOLIMERI
Operations: Ferrara, Italy
Production: ETP
Capacity: 25,000 tons/year

POLYMIA
Located: Ferrara, Italy
Polymerization plant (PE, TPC)
Capacity: 22,000 tons/year

P.GROUP SO.F.TER. DEUTSCHLAND
Located: Filderstadt, Stuttgart
Sales Office
THERMOPLASTIC ELASTOMERS
<table>
<thead>
<tr>
<th><strong>Polymer</strong></th>
<th><strong>PIBIFLEX®</strong></th>
<th><strong>FORPRENE®</strong></th>
<th><strong>LAPRENE®</strong></th>
<th><strong>SOFPRENE T®</strong></th>
<th><strong>FORFLEX®</strong></th>
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## TPE FOR FOOTWEAR

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<th>SOFPRENE P®</th>
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<td>ALL KIND OF FOOTWEAR</td>
<td>SKI BOOTS</td>
<td>CLOGS</td>
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<td>SNOW BOOTS</td>
<td>CROSS-COUNTRY BOOTS</td>
<td>BOOTS &amp; WELLINGTONS</td>
<td>STITCH &amp; TURN SHOES</td>
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</table>
Complies with the requirements of:
• FIFA Quality Concept
• Dutch Soil Quality Decree (Holo SP-D)

KEY FEATURES
Cylindrical pellet shape with hollow space inside the granules provides:
• Shock absorption function
• Lightweight: allows to reduce up to 35% the overall weight of infill material
• Natural feeling
• High contribution to sport performance
• Anti-compaction shape
• Totally safe for humans and environment
• Fully recyclable

Complies with the requirements of:
• FIFA Quality Concept
• Dutch Soil Quality Decree

Complies with the requirements of:
• FIFA Quality Concept
• LND 2008 Regulation

KEY FEATURES
• Cylindrical solid TPE pellet
• Consistent sport experience
• Anti-compaction pellet shape
• Totally safe for humans and environment
• Fully recyclable
### ENGINEERING THERMOPLASTICS

#### TECNOPRENE®
- **Polymer**
  - PP/GF
  - PP compounds
  - PP/TALC
  - PP/CA
- **Processing technology**
  - Injection moulding
  - Extrusion grades
  - Blow moulding grades
  - Rotomolding
- **Range**
  - Glass fibre: 10% ÷ 50%
  - Talc filled: 10% ÷ 60%
  - Calcium carbonate: 20% ÷ 70%
  - Glass beads: 20% ÷ 30%
  - High crystallinity: + glass fibre
  - Glass + mineral
  - Elastomer modified
  - Food contact
  - High fluidity
  - Conductive
  - Flame retardant
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - Thermal ageing & resistance
  - Chemical resistance
  - UV stabilization
  - Detergent stabilization
- **Main Applications**
  - Automotive, electrical & electronic appliances, household appliances, interior design

#### POLIFOR®
- **Polymer**
  - PP/GF
  - PP compounds
  - PP/TALC
  - PP/CA
- **Processing technology**
  - Injection moulding
  - Extrusion grades
  - Blow moulding grades
  - Rotomolding
- **Range**
  - Glass fibre: 10% ÷ 50%
  - Talc filled: 10% ÷ 60%
  - Calcium carbonate: 20% ÷ 70%
  - Glass beads: 20% ÷ 30%
  - High crystallinity: + glass fibre
  - Glass + mineral
  - Elastomer modified
  - Food contact
  - High fluidity
  - Conductive
  - Flame retardant
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - Thermal ageing & resistance
  - Chemical resistance
  - UV stabilization
  - Detergent stabilization
- **Main Applications**
  - Automotive, electrical & electronic appliances, household appliances, interior design

#### TALCOPRENE®
- **Polymer**
  - PP/GF
  - PP compounds
  - PP/TALC
  - PP/CA
- **Processing technology**
  - Injection moulding
  - Extrusion grades
  - Blow moulding grades
  - Rotomolding
- **Range**
  - Glass fibre: 10% ÷ 50%
  - Talc filled: 10% ÷ 60%
  - Calcium carbonate: 20% ÷ 70%
  - Glass beads: 20% ÷ 30%
  - High crystallinity: + glass fibre
  - Glass + mineral
  - Elastomer modified
  - Food contact
  - High fluidity
  - Conductive
  - Flame retardant
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - Thermal ageing & resistance
  - Chemical resistance
  - UV stabilization
  - Detergent stabilization
- **Main Applications**
  - Automotive, electrical & electronic appliances, household appliances, interior design

#### CARBOPRENE®
- **Polymer**
  - PP/GF
  - PP compounds
  - PP/TALC
  - PP/CA
- **Processing technology**
  - Injection moulding
  - Extrusion grades
  - Blow moulding grades
  - Rotomolding
- **Range**
  - Glass fibre: 10% ÷ 50%
  - Talc filled: 10% ÷ 60%
  - Calcium carbonate: 20% ÷ 70%
  - Glass beads: 20% ÷ 30%
  - High crystallinity: + glass fibre
  - Glass + mineral
  - Elastomer modified
  - Food contact
  - High fluidity
  - Conductive
  - Flame retardant
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - Thermal ageing & resistance
  - Chemical resistance
  - UV stabilization
  - Detergent stabilization
- **Main Applications**
  - Automotive, electrical & electronic appliances, household appliances, interior design

#### NIVIONPLAST®
- **Polymer**
  - PA6
  - PA66
  - PA66/PA6
- **Processing technology**
  - Injection moulding
  - Extrusion grades
- **Range**
  - Unreinforced
  - Glass fibre: 20% ÷ 60%, 10% ÷ 60%, 15% ÷ 30%
  - Glass beads: 30%
  - Elastomer modified
  - Flame retardant: (UL approved)
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - High temperature resistance
  - Chemical resistance
  - UV stabilization
  - Available on request
- **Main Applications**
  - Household appliances, automotive, sport & leisure, electrical & electronic

#### NYLFOR®
- **Polymer**
  - PA6
  - PA66
  - PA66/PA6
- **Processing technology**
  - Injection moulding
  - Extrusion grades
- **Range**
  - Unreinforced
  - Glass fibre: 20% ÷ 60%, 10% ÷ 60%, 15% ÷ 30%
  - Glass beads: 30%
  - Elastomer modified
  - Flame retardant: (UL approved)
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - High temperature resistance
  - Chemical resistance
  - UV stabilization
  - Available on request
- **Main Applications**
  - Household appliances, automotive, sport & leisure, electrical & electronic

#### NYLFOR R®
- **Polymer**
  - PA6
  - PA66
  - PA66/PA6
- **Processing technology**
  - Injection moulding
  - Extrusion grades
- **Range**
  - Unreinforced
  - Glass fibre: 20% ÷ 60%, 10% ÷ 60%, 15% ÷ 30%
  - Glass beads: 30%
  - Elastomer modified
  - Flame retardant: (UL approved)
  - Aesthetic grades
  - Mineral filled
  - Conductive
  - Lubricated
  - Coloured
- **Characteristics**
  - Impact resistance
  - High temperature resistance
  - Chemical resistance
  - UV stabilization
  - Available on request
- **Main Applications**
  - Household appliances, automotive, sport & leisure, electrical & electronic
## ENGINEERING THERMOPLASTICS

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<td>PBT + PC alloy</td>
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<td>HOUSEHOLD APPLIANCES</td>
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<td>ELECTRICAL &amp; ELECTRONIC, HOUSEHOLD APPLIANCES</td>
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PAVPRENE®
Bitumen modifier

Pavprene® is the trade name of the polymeric materials developed by SO.F.TER. for the modification of road bitumen. Modified bitumen is increasingly used in road paving because it significantly improves the quality, durability and performance of the road surface and helps to reduce the problems of wear and maintenance caused by heavy traffic.

Benefits
Compared to traditional bitumen, modified bitumen offers the following benefits:
• Higher viscosity of the bituminous mix and increase in the cohesion and adhesion of inert elements
• Improved ageing resistance and durability of the road surface
• Improved resistance to ruts and lower deformability
• Higher resistance to weight and strain
• Higher stability of the asphalt and improved behaviour both at high and low temperatures

Range
The range includes two product families having different molecular structure:
• LINEAR STRUCTURE: allows to obtain bituminous blends that offer lower viscosity, improved processability and storage stability
• RADIAL STRUCTURE: enables to obtain bituminous blends with improved physico-mechanical properties