

# Product Catalogue

## Search products

**Business Line GPPS-HIPS**

## Styrenics / GPPS-HIPS / Edistir®

| Product name                 | Melt Flow Index<br>200°C - 5 kg<br>g/10' | Vicat Softening Temperature<br>Vicat B 50 N - 50°C/h °C | Izod impact strength<br>notched 23°C - 4 mm kJ/m2 | Type                 | Main Applications                                                                                                                     |
|------------------------------|------------------------------------------|---------------------------------------------------------|---------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Edistir® Ice R 930 XP</b> | 2.5                                      | 89                                                      | 19                                                | ESCR HIPS            | Foils / Plates, Edgebands, Food Packaging, Domestic appliances/Fridges                                                                |
| <b>Edistir® Ice R 830 D</b>  | 3                                        | 88                                                      | 10                                                | ESCR HIPS            | Foils / Plates, Edgebands, Food Packaging, Domestic appliances/Fridges                                                                |
| <b>Edistir® N 3380</b>       | 2                                        | 101                                                     | -                                                 | High Stiffness GPPS  | Foils / Plates , Insulation XPS, Stationery, Trays, Foams expanded/direct gassing                                                     |
| <b>Edistir® N 3560</b>       | 3.8                                      | 91                                                      | -                                                 | High Stiffness GPPS  | Polymer Bases For CMPD, Domestic appliances/ Fridges, Household appliances and household items, Toys, Food Packaging                  |
| <b>Edistir® R 850E</b>       | 4                                        | 91                                                      | 10                                                | general purpose HIPS | Foils / Plates, Food Packaging , Rigid thermoformed/injection molded / disposable packaging, Technical articles / Footwear / Textiles |
| <b>Edistir® R 321P</b>       | 15                                       | 85                                                      | 5                                                 | glossy HIPS          | Multi-layer co-extruded sheets, Polymer Bases For MB, Stationery, Disposable Razors                                                   |
| <b>Edistir® Rc(l) 600</b>    | 6                                        | 88                                                      | 5.5                                               | super glossy HIPS    | Multi-layer co-extruded sheets, Household items, WC cisterns and covers, Appliances / Fridges                                         |
| <b>Edistir® N 3840</b>       | 10                                       | 88                                                      | -                                                 | General Purpose GPPS | Multi-layer co-extruded sheets, Petri Dishes, Polymer Bases For CMPD, Thermoformed stiff/                                             |

| Product name                          | Melt Flow Index 200°C - 5 kg g/10' | Vicat Softening Temperature Vicat B 50 N - 50°C/h °C | Izod impact strength notched 23°C - 4 mm kJ/m2 | Type                                      | Main Applications                                                                                |
|---------------------------------------|------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                       |                                    |                                                      |                                                |                                           | Injection molded / disposable packaging                                                          |
| <b>Edistir® N 3910</b>                | 27                                 | 83                                                   | -                                              | Easy Flow GPPS                            | Houseware, Polymer Bases For MB, Polymer Bases For CMPD, Footwear                                |
| <b>Edistir® N 3782</b>                | 7.5                                | 101                                                  | -                                              | Thermoresistant GPPS                      | Insulation XPS, Thermal Insulation                                                               |
| <b>Edistir® N 3982</b>                | 25                                 | 101                                                  | -                                              | Easy Flow Thermoresistant GPPS            | Insulation XPS, Polymer Bases For MB, Thermal Insulation                                         |
| <b>Edistir® RK 421 Q</b>              | 17                                 | 86                                                   | 5                                              | Compounded 800 °C Glow Wire HIPS @ 1.6 mm | Vacuum cleaners, Lighting, Electrical boxes and junctions                                        |
| <b>Edistir® R 540E</b>                | 4                                  | 92                                                   | 8                                              | high mattness HIPS                        | Foils / Plates, multi-layer co-extruded sheets                                                   |
| <b>Edistir® SR 550</b>                | 11                                 | 82                                                   | 9                                              | general purpose HIPS                      | Household items, Toys, Technical articles / Footwear / Textiles                                  |
| <b>Edistir® Balance® N 3380 BA100</b> | 2                                  | 101                                                  | -                                              | High stiffness 100% bio-attributed GPPS   | XPS, expanded and thermoformed food packaging, shower boxes, transparent fridge components       |
| <b>Edistir® Balance® R 850E BA90</b>  | 4                                  | 91                                                   | 10                                             | 90% bio-attributed HIPS                   | Food packaging, sheets, appliances                                                               |
| <b>Edistir® RT 441M</b>               | 7.5                                | 89                                                   | 8                                              | good stiffness - toughness balance HIPS   | Vacuum cleaners, Electrical boxes and junctions, Components for the household appliance industry |
| <b>Edistir® RK 451G</b>               | 5                                  | 90                                                   | 6                                              | compounded UL 94 V0 HIPS @ 1.5 mm         | Electrical devices also for hospital use, sheets and edge bands                                  |
| <b>Edistir® Balance®</b>              | 11                                 | 82                                                   | 9                                              | 90% bio-attributed HIPS                   | Housewares, toys, technical items                                                                |

| Product name | Melt Flow Index<br>200°C - 5 kg g/10' | Vicat Softening Temperature<br>Vicat B 50 N - 50°C/h °C | Izod impact strength<br>notched 23°C - 4 mm kJ/m2 | Type | Main Applications |
|--------------|---------------------------------------|---------------------------------------------------------|---------------------------------------------------|------|-------------------|
|--------------|---------------------------------------|---------------------------------------------------------|---------------------------------------------------|------|-------------------|

SR 550  
BA90

## Styrenics / GPPS-HIPS / Impressio®

| Product name           | Melt Flow Index<br>200°C - 5 kg g/10' | Vicat Softening Temperature<br>Vicat B 50 N - 50°C/h °C | Izod impact strength<br>notched 23°C - 4 mm kJ/m2 | Type                              | Main Applications                               |
|------------------------|---------------------------------------|---------------------------------------------------------|---------------------------------------------------|-----------------------------------|-------------------------------------------------|
| Impressio®<br>HIPS E05 | 4                                     | 91                                                      | 10                                                | Support phase soluble in limonene | Impressio®, 3D printing (from granule and wire) |

## Styrenics / GPPS-HIPS / Refence®

| Product name                            | Melt Flow Index<br>200°C - 5 kg g/10' | Vicat Softening Temperature<br>Vicat B 50 N - 50°C/h °C | Izod impact strength<br>notched 23°C - 4 mm kJ/m2 | Type                                                          | Main Applications                            |
|-----------------------------------------|---------------------------------------|---------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------|----------------------------------------------|
| Refence® PS<br>Land - Series<br>Forever | 4.5                                   | -                                                       | 6                                                 | PS with 75% of r-ps content from domestic post-consumer waste | Extrusion / thermoforming, injection molding |
| Refence® PS<br>Air - Series<br>Forever  | 4.5                                   | 93                                                      | -                                                 | PS with 75% of r-ps content from domestic post-consumer waste | Extrusion / thermoforming, injection molding |

## Styrenics / GPPS-HIPS / Versalis Revive®

| Product name                                        | Melt Flow Index<br>200°C - 5<br>kg g/10' | Vicat Softening<br>Temperature Vicat<br>B 50 N - 50°C/h<br>°C | Izod impact<br>strength<br>notched 23°C<br>- 4 mm kJ/m2 | Type                          | Main Applications                                                                                                                     |
|-----------------------------------------------------|------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Versalis<br>Revive® PS<br>Land - Series<br>Forever  | 4.5                                      | 89                                                            | 6                                                       | HIPS<br>with<br>75% of<br>rPS | Revive® PS, Foils / Plates,<br>Expanded and compact food<br>packaging, Food packaging                                                 |
| Versalis<br>Revive® PS<br>AIR H - Series<br>Forever | 6.5                                      | 100                                                           | -                                                       | GPPS<br>with<br>75% of<br>rPS | Revive® PS, Insulation,<br>Insulation XPS, Thermal<br>Insulation                                                                      |
| Versalis<br>Revive® PS<br>AIR F - Series<br>Forever | 4.5                                      | 93                                                            | -                                                       | GPPS<br>with<br>75% of<br>rPS | Revive® PS, Expanded and<br>compact food packaging, Food<br>packaging, Thermal insulation,<br>Expanded foam trays / Direct<br>gassing |

## Styrenics / GPPS-HIPS / Versalis Revive® PS

| Product name                         | Melt Flow Index<br>200°C - 5<br>kg g/10' | Vicat Softening<br>Temperature Vicat<br>B 50 N - 50°C/h<br>°C | Izod impact<br>strength<br>notched<br>23°C - 4 mm<br>kJ/m2 | Type                                                                                              | Main Applications              |
|--------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------|
| Versalis<br>Revive® PS<br>RT 33010   | 8                                        | 88                                                            | 6                                                          | HIPS with 30% rps<br>content from<br>domestic post-<br>consumer waste                             | electrical boxes               |
| Versalis<br>Revive® PS<br>AIR HEF(B) | 30                                       | 98                                                            | -                                                          | GPPS with 60% rps<br>content from<br>domestic post-<br>consumer waste or<br>post-industrial waste | high thickness XPS<br>panels   |
| Versalis<br>Revive® PS               | 15                                       | 98                                                            | -                                                          | GPPS with 60% rps<br>content from                                                                 | medium thickness<br>XPS panels |

| Product name                       | Melt Flow Index<br>200°C - 5<br>kg g/10' | Vicat Softening<br>Temperature Vicat<br>B 50 N - 50°C/h<br>°C | Izod impact<br>strength<br>notched<br>23°C - 4 mm<br>kJ/m2 | Type                                                                      | Main Applications                                         |
|------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|
| AIR HE(B)                          |                                          |                                                               |                                                            | domestic post-<br>consumer waste or<br>post-industrial waste              |                                                           |
| Versalis<br>Revive® PS<br>100 F    | -                                        | -                                                             | 3.5                                                        | 100% r-ps from waste<br>of electric and<br>electronic equipment<br>(WEEE) | Stampaggio ad<br>iniezione, estrusione,<br>termoformatura |
| Versalis<br>Revive® PS<br>Land 100 | -                                        | -                                                             | 3.5                                                        | 100% r-ps from<br>separate household<br>waste collection                  | Stampaggio ad<br>iniezione, estrusione,<br>termoformatura |