

## TECHNICAL DATA SHEET PPC980-Agglomerate /PPC280- Granulate

Revision date: 2022-02-21

### IDENTIFICATION OF PRODUCT

|                  |                        |
|------------------|------------------------|
| Trade name:      | <b>PPC980 / PPC280</b> |
| Product numbers: | <b>PPC980 / PPC280</b> |

### COMPOSITION/INFORMATION ON INGREDIENTS

| CAS-no     | EG-no | Components                | % (per kg) | Symbol | R-phrases |
|------------|-------|---------------------------|------------|--------|-----------|
| 9002-88-4  | -     | Polyethene                | 20-80      | -      | -         |
| 9003-07-0- | -     | Polypropylene             | 20-80      | -      | -         |
| 72608-12-9 | -     | Chalk                     | 10-30      | -      | -         |
| *****      |       | Unidentified Contaminants | 0-5        |        |           |

Note: These products are made from 100 % Post-Industrial waste

### PHYSICAL AND CHEMICAL PROPERTIES

The data given below are average values and will vary from batch to batch

|                               |                         |                 |                   |
|-------------------------------|-------------------------|-----------------|-------------------|
| <b>Physical state</b>         | Porous agglomerate      |                 |                   |
| <b>Color</b>                  | Varying grey tone       |                 |                   |
| <b>Odour</b>                  | Odourless               |                 |                   |
| <b>Solubility in water</b>    | Insoluble               |                 |                   |
| <b>Melt flow index</b>        | 2-6 g/10min             | 2,16 kg / 230°C | ISO 1133          |
| <b>Density</b>                | ~1.14 g/cm <sup>3</sup> |                 | ISO 1183-1A       |
| <b>Melting point</b>          | 100-150°C               |                 |                   |
| <b>Flash point</b>            | >300°C                  |                 |                   |
| <b>Tensile strength</b>       | ~13 N/mm <sup>2</sup>   | +23°C 50mm/min  | ISO 527-2 type 1A |
| <b>Elongation at strength</b> | >300 %                  | +23°C 50mm/min  | ISO 527-2 type 1A |
| <b>Elongation at Yield</b>    | ~13 %                   | +23°C 50mm/min  | ISO 527-2 type 1A |
| <b>E-modulus</b>              | ~670 N/mm <sup>2</sup>  | +23°C 1mm/min   | ISO 527-2 type 1A |
| <b>RoHS</b>                   | Pass                    |                 |                   |
|                               |                         |                 | XRF               |
| <b>Charpy notched</b>         | ~79 kJ/m <sup>2</sup>   | +23°C/1eA       | ISO 179-1         |
| <b>Ash content</b>            | ~28 %                   | 600°C           | ISO 3451-1A       |
| <b>DSC</b>                    | ~57 % PE                |                 | ISO 11357         |
|                               | ~43 % PP                |                 |                   |

This Technical Data Sheet supersedes all earlier product and information sheets. Revision 1.2

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or when used in conjunction with any other material. It is the customer's responsibility to ensure this material is suitable for use in their application and the customer shall assume all risk and liability arising from such use.