



## PET Flakes Clear

| PARAMETER                                                              | UNIT                             | SPECIFICATION |
|------------------------------------------------------------------------|----------------------------------|---------------|
| GENERAL INFORMATION                                                    |                                  |               |
| Product                                                                | PET flakes                       |               |
| Chemical description                                                   | Polyethylene terephthalate (PET) |               |
| Appearance                                                             | Transparent                      |               |
| PET type                                                               | Transparent                      |               |
| Material source                                                        | Post-consumer beverage bottles   |               |
| Packaging                                                              | Big bag 110 x 110 x 240 cm       |               |
| PHYSICAL PROPERTIES                                                    |                                  |               |
| Density                                                                | kg/m³                            | > 280         |
| Flake size 1–10 mm                                                     | %                                | > 95          |
| Dust fraction < 1 mm                                                   | %                                | < 1           |
| Humidity                                                               | %                                | < 0.8         |
| ΔpH value                                                              | max                              | 0.5           |
| Intrinsic viscosity (IV)                                               | dl/g                             | 0.76          |
| PURITY / CONTAMINATION                                                 |                                  |               |
| Yellowed flakes after thermal exposure 210 °C / 30 min                 | ppm                              | < 5000        |
| Flakes with glue                                                       | ppm                              | < 1500        |
| PVC content                                                            | ppm                              | < 20          |
| Other polymers content (PE, PP, ...)                                   | ppm                              | < 20          |
| Polyamide content                                                      | ppm                              | 0             |
| Contamination (wood, glass, metals, rubber, textile, paper, aluminium) | ppm                              | < 10          |
| PVC labels                                                             | ppm                              | < 50          |
| Other labels                                                           | ppm                              | < 50          |
| Other coloured flakes content                                          | ppm                              | < 500         |
| Non-transparent flakes content                                         | ppm                              | < 200         |

*Analysis performed on a 100 g sample.*

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## COMPLIANCE WITH EU REGULATIONS

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### 1. Quality assurance system

PET flakes producer's quality assurance system fulfils the requirements of the EU Regulation 1616/2022.

### 2. Raw material compliance

PET Bottle Flakes produced from the monomers and other raw materials fulfils the requirements of the REACH Regulation (EC Regulation 1907/2006). Registration of monomers is optional.