

## Technical Data Sheet - Preliminary Product



### ALCOLOR PBT A GY3125-10

|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Base Polymer                | Polybutylene Terephthalate                                                                                |
| Colour                      | grey, similar to RAL 7040, similar to RAL 7042                                                            |
| Thermal Stability Colourant | 300 °C max.                                                                                               |
| Light Fastness Colourant    | blue woolscale 8                                                                                          |
| For use in                  | Polybutylene Terephthalate                                                                                |
| Special Features            | free from cadmium, lead and diarylide pigments, high additive content, high dispersibility, dust-free     |
| Market Segment              | Automotive, Machinery, electrical and electronic, Furniture, building and construction, sport and leisure |
| Application Area            | injection moulded parts, extruded parts, compounding                                                      |

---

|                               |                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dosage                        | 4,0 % extrusion<br>4,0 % injection moulding<br>dependant on wall thickness and required colour intensity<br>dependant on application and operational area |
| Pre-Drying Conditions         | in a dry air (dessiccant) dryer 100-120 °C<br>for 2-4 h<br>in an air circulating dryer 100-120 °C<br>for 4-8 h<br>max. moisture content <0,04 %           |
| Processing Injection Moulding | melt temperature 250-270 °C<br>mould temperature 60-100 °C                                                                                                |
| Storage                       | dry, protected from light<br>tightly sealed                                                                                                               |