

Technical Data Sheet - Preliminary Product



ALCOLOR PBT FC GY3171-11

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| Base Polymer | Polybutylene Terephthalate |
| Colour | grey, similar to RAL 7045 |
| Thermal Stability Colourant | 300 °C max. |
| Light Fastness Colourant | blue woolscale 8 |
| For use in | Polybutylene Terephthalate |
| Special Features | food contact, free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content |
| Market Segment | food processing industry, household goods, domestic appliances, packaging, sport and leisure, Automotive, Machinery, electrical and electronic, Furniture, building and construction |
| Application Area | injection moulded parts, extruded parts, compounding |

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