

## Technical Data Sheet



### ALCOLOR FUNCTION PC LS FC WT5069-16

|                             |                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Polymer                | Polycarbonate                                                                                                                                                                        |
| Filler/Additive System      | Laser sensitive additive                                                                                                                                                             |
| Colour                      | white, similar to RAL 9003                                                                                                                                                           |
| Thermal Stability Colourant | 300 °C max.                                                                                                                                                                          |
| Light Fastness Colourant    | blue woolscale 8                                                                                                                                                                     |
| For use in                  | Polycarbonate                                                                                                                                                                        |
| Special Features            | laser etchable (dark etching), food contact, high additive content, free from cadmium, lead and diarylide pigments, high dispersibility, dust-free                                   |
| Market Segment              | food processing industry, household goods, domestic appliances, packaging, Automotive, Machinery, electrical and electronic, Furniture, building and construction, sport and leisure |
| Application Area            | injection moulded parts, extruded parts, blow moulded parts, compounding                                                                                                             |

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| Dosage | 5,0 % extrusion<br>5,0 % injection moulding<br>dependant on wall thickness and required colour intensity<br>dependant on application and operational area |
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| Pre-Drying Conditions | 120 °C in a dry air (dessiccant) dryer<br>for 2-3 h<br>120 °C in an air circulating dryer<br>for 4-12 h<br>max. moisture content <0,02 % |
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| Processing Injection Moulding | melt temperature 270-310 °C<br>mould temperature 80-110 °C |
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| Storage | dry, protected from light<br>tightly sealed |
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