

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

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