

Technical Data Sheet - Preliminary Product



ALCOLOR FUNCTION PC LS GY5030-19

Base Polymer	Polycarbonate
Filler/Additive System	Laser sensitive additive
Colour	grey, similar to RAL 7016
Thermal Stability Colourant	280 °C max.
Light Fastness Colourant	blue woolscale 8
For use in	Polycarbonate
Special Features	laser etchable (light etching), high additive content, free from cadmium, lead and diarylide pigments, 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, blow moulded parts, compounding

Dosage	3,0 % extrusion 3,0 % 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 2-3 h in an air circulating dryer 100-120 °C 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
---------	---