

## Technical Data Sheet



### ALCOLOR PP YL5041-20

|                               |                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base Polymer                  | Polypropylene Copolymer                                                                                                                                   |
| Colour                        | yellow, similar to RAL 1023                                                                                                                               |
| Thermal Stability Colourant   | 290 °C max.                                                                                                                                               |
| Light Fastness Colourant      | blue woolscale 6                                                                                                                                          |
| For use in                    | Polypropylene, Polypropylene Homopolymer, Polypropylene Copolymer                                                                                         |
| Special Features              | free from cadmium, lead and diarylide pigments, dust-free, high dispersibility, high additive content, food contact                                       |
| Market Segment                | Automotive, electrical and electronic, Furniture, building and construction, sport and leisure                                                            |
| Application Area              | injection moulded parts, blow moulded parts, extruded parts, compounding                                                                                  |
| <hr/>                         |                                                                                                                                                           |
| Dosage                        | 2,0 % extrusion<br>2,0 % 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 80-100 °C<br>for 2-3 h<br>in an air circulating dryer 80-100 °C<br>for 2-4 h<br>dependant on moisture content             |
| Processing Injection Moulding | melt temperature 200-250 °C<br>mould temperature 20-70 °C                                                                                                 |
| Processing Extrusion          | melt temperature 200-250 °C<br>die temperature 200-250 °C                                                                                                 |
| Storage                       | dry, protected from light<br>tightly sealed                                                                                                               |