

Product information

SACHTLEBEN R-FK-3



The product

R-FK-3 is a micronised hydrophobic rutile pigment, treated with alumina, silica and zirconia compounds. It combines very good light fastness and weather resistance with excellent dispersibility and optical characteristics in outdoor applications. R-FK-3 has a good tinting strength, a high degree of whiteness and a neutral colour shade.

Applications

- ▶ Rigid PVC windows and door profiles
- ▶ Technical profiles, Vinyl siding, composite decking
- ▶ Flexible PVC
- ▶ High performance polymers
- ▶ Agricultural foils

Technical data

TiO ₂ -content [%]	93
Additional components	Al ₂ O ₃ , SiO ₂ , ZrO ₂
Specific density [g/cm ³]	4.1
Bulk density [kg/l]	approx. 0.6
Oil absorption	21
Durability	high
Specification ASTM D-476-84 / ISO 591	Type II/III / R2

Packaging

- ▶ 25 kg Paper Sack
- ▶ 1000 kg Bulk Bag
- ▶ Silotruck

Storage

Keep the product unstacked in dry and closed rooms at normal temperature and air humidity. To achieve best possible results, we recommend storage under the conditions stated above and use within 12 months from delivery.

Product information

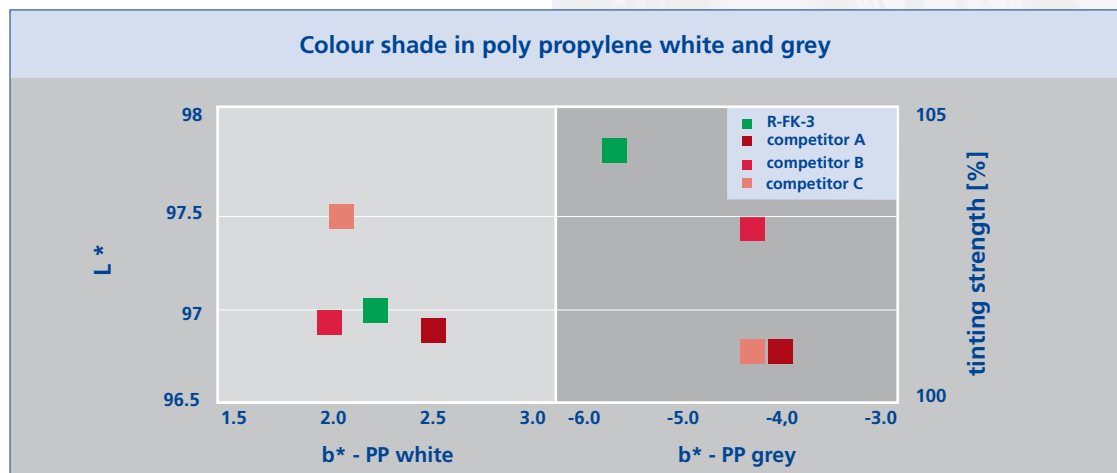
SACHTLEBEN R-FK-3



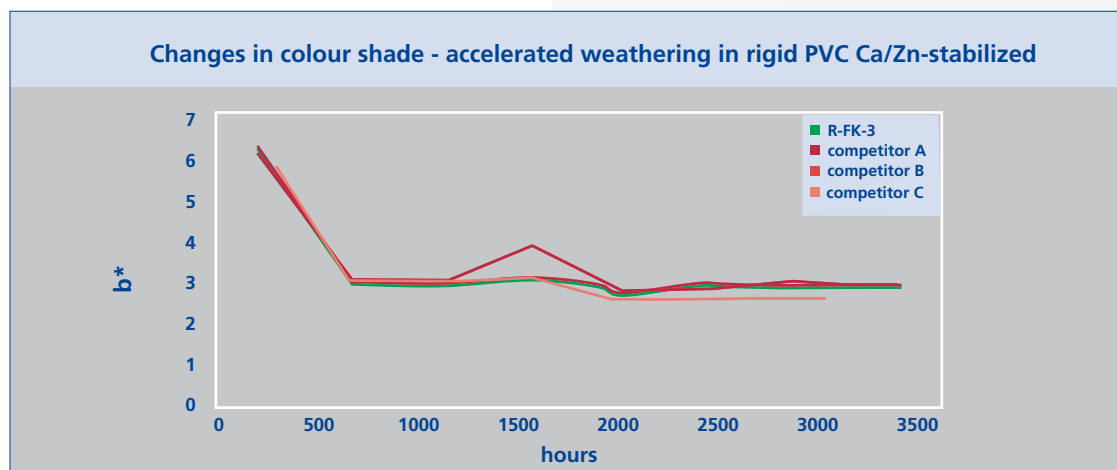
Applications and properties

SACHTLEBEN R-FK-3 is developed for outdoor use in technical PVC profiles as well as door and window profiles with high light and weather resistance. The highly stabilized and hydrophobic R-FK-3 shows his strengths with excellent optical properties both in lead and in calcium/zinc stabilized formulations.

With its bluish white undertone, R-FK-3 is particularly used in PC, PA, PMMA, POM, ABS and PC/ABS blends respectively in outdoor areas. R-FK-3 meets the requirements for thermal and rheological stability in the melt and has little effect on the mechanical characteristics of high-performance polymers.



Optical properties of R-FK-3



High discoloration resistance while weather and UV impact

Great Solutions with Small Particles



SACHTLEBEN