

## Product information

### SACHTLEBEN R-FK-2



#### The product

R-FK-2 is a hydrophobic rutile pigment treated with an alumina compound. It combines high whiteness with excellent powder flowability resulting in superior dispersibility in polymers. It has a neutral colour shade and good stability for interior applications.

#### Applications

- ▶ Polyolefin masterbatches
- ▶ Thin films
- ▶ Food contact packaging
- ▶ Extrusion and injection moulding
- ▶ Flexible PVC

#### Technical data

TiO <sub>2</sub> -content [%]	98
Additional components	Al <sub>2</sub> O <sub>3</sub>
Specific density [g/cm <sup>3</sup> ]	4.1
Bulk density [kg/l]	approx. 0.6
Oil absorption	18
Durability	medium
Specification ASTM D-476-84 / ISO 591	Type II / R1

#### Packaging

- ▶ 25 kg Paper Sack
- ▶ 500 kg Bulk Bag / 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.

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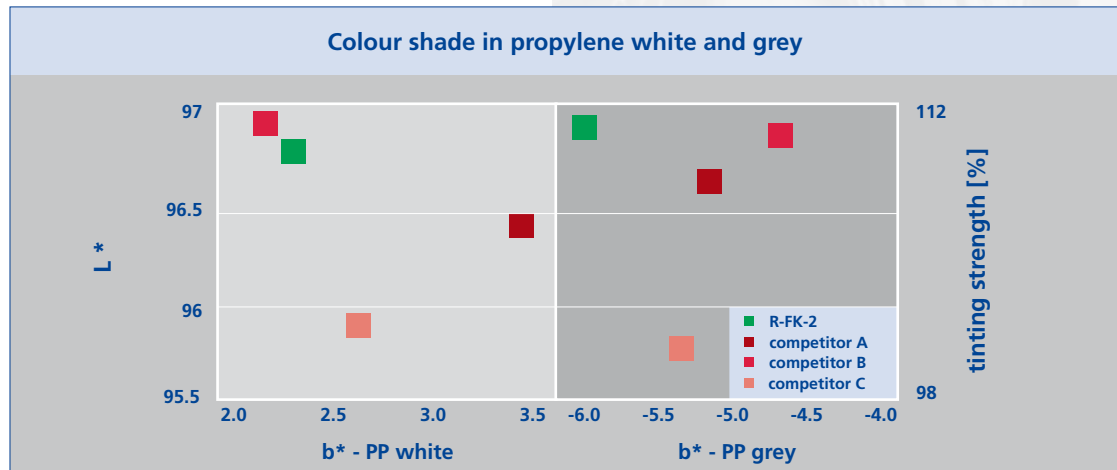
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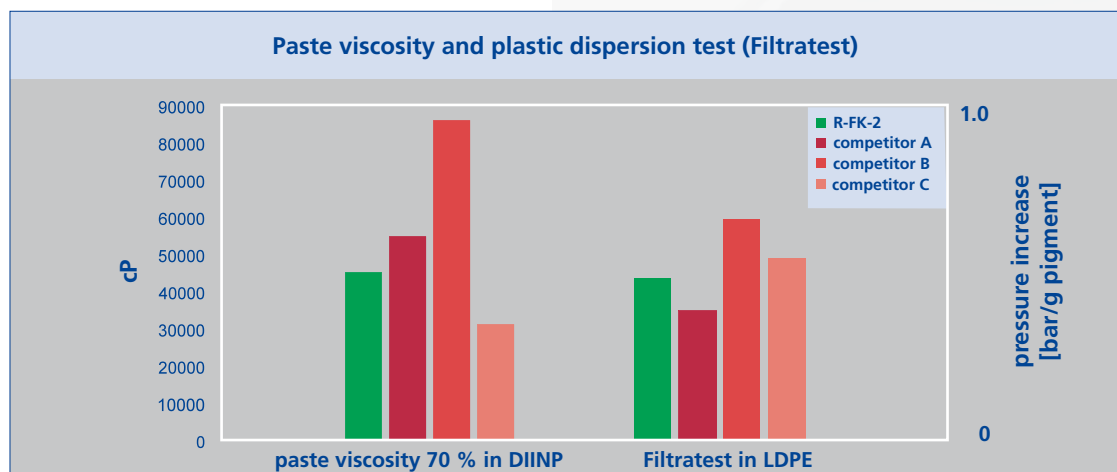
#### Applications and properties

SACHTLEBEN R-FK-2 is recommended for use in thermoplastic polyolefin- or polystyrene compounds as well as in highly filled colour concentrates (masterbatches). Its hydrophobic coating safeguards resistance against discoloration from additional polymer additives and guarantees the homogenous distribution in the end product.

R-FK-2 meets the requirements for thermal and rheological stability in the melt and has little effect on the mechanical characteristics of high-performance polymers. R-FK-2 is used in PET and POM, PA, ABS, PC/ABS blends and composites as well as in plastisols, flexible PVC and pipes out of rigid PVC in indoor applications. Typical processing areas extend from blow film and blowing moulds through extrusion coatings and injection moulding to thin film application and food packaging.



Optical qualities of R-FK-2



Excellent dispersibility of R-FK-2 by means of paste viscosity and low pressure increase in melt sieves

Great Solutions with Small Particles

