



Terrasol[®]

PVOH compounds for water soluble products

PVOH is typically produced as solution cast films or solution spun fibers. FKUR recently developed new processing and formulating technology that allows this polymer to be melt-processed as a thermoplastic material without undergoing thermal or shear degradation. The result is a family of water-soluble, and subsequently biodegradable, non-toxic thermoplastic resin with tailored properties. FKUR offers this new range of Terrasol[®] types with controllable water-dissolution temperatures ranging from 5–70 °C.

Terrasol[®] can be used to produce mono and co-extruded films, sheets, fibers, foams, tubing and profiles. The material is suitable as a drop-in solution for film blowing, extrusion, thermoforming, injection and blow molding. Ready made products, such as films, are available on request.

Advantages of Terrasol[®] at a glance:

- Completely dissolves in water at pre-determined temperatures
- Fully biodegradable when in solution
- Outstanding gas barrier properties for oxygen and carbon dioxide
- Resistant to chemicals, oils and greases
- Non-toxic
- Inherent static electricity dissipation



Terrasol



FKuR – The Bioplastic Specialist

We are happy to assist you in selecting the bioplastic that will best meet your requirements or provide you with a tailor-made formulation. As a full service provider, FKuR will give you all the necessary technical support to enable you to process your products optimally. We will be pleased to give you marketing advice on how to complement your marketing message in order to successfully position your product on the market.

Get in touch with us to find the perfect solution for your application.

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