

## Technical data sheet

**Product name:** Terralene® PP 3505  
**Date of issue:** 09 October 2017

Version: 1.1

### Designation of product, preparation and manufacturer

**Trade name:** Terralene® PP 3505  
**Use of product:** Polypropylen copolymer blend with biobased high density polyethylene. The biobased carbon content (BCC) is 33 % (calculated). Suitable for injection moulding applications.  
**Manufacturer:** FKUR Kunststoff GmbH  
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### Mechanical properties

Modulus of elasticity	1,100	[MPa]	ISO 527
Tensile strength	25	[MPa]	ISO 527
Tensile strain at tensile strength	14	[%]	ISO 527
Tensile stress at break	10	[MPa]	ISO 527
Tensile strain at break	95	[%]	ISO 527
Notched impact strength (Charpy), RT	6	[kJ/m²]	ISO 179-1/1 eA
Impact Strength (Charpy), RT	175	[kJ/m²]	ISO 179-1/1 eU

The values listed have been established on standardized test specimens (DIN EN ISO 3167, type A) at standard temperature and humidity conditions.

### Physical properties

Melt flow rate (230 °C/2.16 kg)	11 - 14	[g/10 min]	ISO 1133
Melting temperature	160 - 165	[°C]	ISO 3146-C
Density	0.912	[g/cm³]	ISO 1183

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The figures should be regarded as guide values only. Under certain conditions the properties can be influenced to a significant extent by the processing conditions.

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