

Technical data sheet

Product name: Terralene® PP 4732
Date of issue: 09 October 2017

Version: 1.1

Designation of product, preparation and manufacturer

Trade name: Terralene® PP 4732
Use of product: Polypropylen copolymer blend with biobased high density polyethylene, containing mineral fillers. The biobased carbon content (BCC) is 33 % (calculated). Suitable for profile extrusion.
Manufacturer: FKUR Kunststoff GmbH
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Mechanical properties

Modulus of elasticity	1,850	[MPa]	ISO 527
Tensile strength	25	[MPa]	ISO 527
Tensile strain at tensile strength	12	[%]	ISO 527
Tensile stress at break	10	[MPa]	ISO 527
Tensile strain at break	100	[%]	ISO 527
Notched impact strength (Charpy), RT	21	[kJ/m²]	ISO 179-1/1 eA
Impact Strength (Charpy), RT	190	[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)	1.2 - 1.6	[g/10 min]	ISO 1133
Melting temperature	160 - 165	[°C]	ISO 3146-C
Density	1.14 - 1.16	[g/cm³]	ISO 1183

Legal notice

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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