

Technical data sheet

Product name: Fibrolon® P 7550
Date of issue: 23 July 2018

Version: 3.1

Designation of product, preparation and manufacturer

Trade name: Fibrolon® P 7550
Use of product: Natural fibre reinforced compound for injection moulding.
Manufacturer: FKUR Kunststoff GmbH
Siemensring 79
D - 47 877 Willich
Phone: + 49 (0) 2154 / 92 51-0
Fax: + 49 (0) 2154 / 92 51-51
Mail: info@fkur.com
Web: www.fkur.com

Mechanical properties

Modulus of elasticity	3,250	[MPa]	ISO 527
Tensile strength	22	[MPa]	ISO 527
Tensile strain at tensile strength	3	[%]	ISO 527
Tensile stress at break	22	[MPa]	ISO 527
Tensile strain at break	3	[%]	ISO 527
Flexural modulus	3,550	[MPa]	ISO 178
Flexural strain at break	4	[%]	ISO 178
Flexural stress at 3.5 % strain	32	[MPa]	ISO 178
Notched impact strength (Charpy), RT	3.3	[kJ/m ²]	ISO 179-1/1 eA
Impact Strength (Charpy), RT	7.9	[kJ/m ²]	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/5 kg)	9.0 - 14.0	[g/10 min]	ISO 1133
Melting temperature	150 - 180	[°C]	ISO 3146-C
Vicat A softening temperature	139	[°C]	ISO 306
Density	1.03	[g/cm ³]	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.

Neither FKUR Kunststoff GmbH nor its marketing affiliates shall be responsible for the use of this information or of any product, method or equipment mentioned. Customers must undertake their own determination of this product's suitability and completeness for their own use, for the protection of the environment, for the health and safety of their employees and purchasers of their products. No warranty is made of the merchantability or fitness of any product, and nothing herein waives any of the seller's conditions of sale. The current version of General Conditions of Sale of FKUR Kunststoff GmbH is valid.

The brands „FKuR – Plastics made by nature“ and “FIBROLON” are registered trademarks of FKUR Kunststoff GmbH, according to the international 'Nice-Classifications' (NCL9), no. 01, 02 and 17.