

Technical data sheet

Product name: Fibrolon® S 7530
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Designation of product, preparation and manufacturer

Trade name: Fibrolon® S 7530
Use of product: Natural fibre reinforced compound for injection moulding applications.
Manufacturer: FKUR Kunststoff GmbH
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Mechanical properties

Modulus of elasticity	3,850	[MPa]	ISO 527
Tensile strength	37	[MPa]	ISO 527
Tensile strain at tensile strength	3	[%]	ISO 527
Tensile stress at break	36	[MPa]	ISO 527
Tensile strain at break	3	[%]	ISO 527
Flexural modulus	3,650	[MPa]	ISO 178
Flexural strain at break	3	[%]	ISO 178
Flexural stress at 3.5 % strain	---	[MPa]	ISO 178
Notched impact strength (Charpy), RT	4	[kJ/m ²]	ISO 179-1/1 eA
Impact Strength (Charpy), RT	8	[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 (190 °C/5 kg)	7.0 - 12.0	[g/10 min]	ISO 1133
Melt volume rate (190 °C/5 kg)	6.0 - 11.0	[cm ³ /10 min]	ISO 1133
Melting temperature	140 - 160	[°C]	ISO 3146-C
Vicat A softening temperature	105	[°C]	ISO 306
Density	1.27	[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.

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