

TEDUR L PPS 1000 15087

(Last update: 09.11.2023)

MOCOM

Base Polymer	Polyphenylene Sulphide
Special Features	elastomer modified,high toughness
Market Segment	Automotive,Machinery
Application Area	extrusion grade
Typical Applications	ducting / piping systems,functional components

Pre-Drying Conditions	in a dry air (dessiccant) dryer 100-130 °C for 2-4 h
Processing Injection Moulding	melt temperature 290-310 °C mould temperature >100 °C
Processing Extrusion	melt temperature 290-310 °C
Storage	dry, protected from light

Properties	Value	Dimension	Test Norm
Mechanical Properties			
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress (3.5% Strain)	57	MPa	ISO 178
Tensile Modulus	2000	MPa	ISO 527
Tensile Stress at Yield	45	MPa	ISO 527
Tensile Elongation at Yield	3.7	%	ISO 527
Tensile Elongation at Break	35	%	ISO 527
Impact Strength (Charpy, 23 °C)	no break	kJ/m ²	ISO 179/1eU
Thermal Properties			
DSC (Melt Point)	280	°C	ISO 11357
Physical Properties			
Density	1270	kg/m ³	ISO 1183
Flammability			
Flammability (1.5 mm)	V-0	class	UL 94

Liability Exclusion

These are guide values and not a specification. The test values mentioned are representative values only and not binding minimum or maximum figures. These test values have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions.

Any information given on the chemical and physical characteristics of our products, including, without limitation, technical advice on applications, whether verbally, in writing or by testing the product, is given to the best of our knowledge and in good faith and does not exempt the buyer from carrying out their own investigations and tests in order to ascertain the product's specific suitability for the purpose intended.

The buyer is solely responsible for confirming the suitability of the product for a particular application, its utilization and processing and must observe any applicable laws and government regulations. **NO EXPRESS OR IMPLIED RECOMMENDATION OR WARRANTY IS**

Technical Data Sheet



TEDUR L PPS 1000 15087

(Last update: 09.11.2023)



GIVEN WITH REGARD TO THE SUITABILITY OF THE PRODUCT FOR A PARTICULAR APPLICATION, SUCH AS, BUT NOT LIMITED TO, SAFETY-CRITICAL COMPONENTS OR SYSTEMS.

Healthcare uses: the supply of any product by ALBIS for any medical, pharmaceutical or diagnostic application is conditional to an assessment by ALBIS in terms of compliance with ALBIS' internal risk management policy – even for products which are in general designated for use in Healthcare applications.

Important: irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:

- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

At all times, our standard terms and conditions of sale apply.