

## Electrical insulating materials

### Flexiso® FI 11052

---

**Composition:** Flexiso® FI 11052 is a low-density pressboard and is made of cellulose material.

---

**Applications:** Flexiso® FI 11052 is used for example in the transformer construction and in the offset printing as insulating material or as artwork. Flexiso® FI 11052 complies with IEC standard B.3.1 A IEC 60641-3-1.

---

**Standard colour:** Flexiso® FI 11052 is delivered in natural colour.

---

**Delivery forms:** Flexiso® FI 11052 can be supplied as die-cut or formed part, on rolls as well as sheet. Other dimensions and formats are available on request.

---

## Flexiso® FI 11052

Property	Test method	Unit	Value
Grammage	ISO 536	g/m <sup>2</sup>	100
Sheet thickness in pack, 5 sheets	ISO 534	µm	100
Raw density	ISP 534	kg/m <sup>3</sup>	1000
Air resistance (Gurley)	ISO 5636-5	sec/100cc	2500
Moisture content	ISO 287	%	6.0
Tear resistance MD	ISO 1924	Nm/g	93.0
Tear resistance CD	ISO 1924	Nm/g	35.0
Elongation MD	ISO 1924	%	2.0
Elongation CD	ISO 1924	%	4.0
Tensile strength MD	ISO 1974	mN*m <sup>2</sup> /g	6.0
Tensile strength CD	ISO 1974	mN*m <sup>2</sup> /g	7.0
Ash content	ISO 2144	%	0.50
Conductivity of aqueous substances	IEC 60554-2	mS/m	4.0
pH-value of aqueous substances	IEC 60554-2	-	7.0
Dielectric strength in air	IEC 60554-2	kV/mm	8.0
Polymerisation content	IEC 60450	-	1200

**Trademark Information:** Flexiso® is a registered trademark of the company Dr. Dietrich Müller GmbH Germany.

### Information:

The information in this Technical Data Sheet is based on our present knowledge and experiences. It does not release the user from conducting their own trials and examinations to determine the suitability of the product for his intended use. A legally obligatory warranty of certain characteristics or the suitability for a specific targeted application cannot be derived from our data. Depending upon individual cases we recommend consultation with us. Any patent rights as well as existing laws are to be considered by the receiver of our products as their own responsibility

Dr. Dietrich Müller GmbH