



MATERIAL DATA SHEET

extrudr FLEX SEMISOFT

DESCRIPTION

The Extrudr TPU Flex line, which features Extrudr TPU Flex in varying degrees of hardness, has been developed mainly for use with industrial machinery.

APPLICATION

Due to its chemical and mechanical resistance, TPU is primarily used in the car and footwear industry.

STORAGE AND SHELF LIFE

Store at room temperature (18-27°C / 65-80°F), out of direct heat and sunlight, and in a dry place. When stored correctly, this material has a shelf life of 1 year.

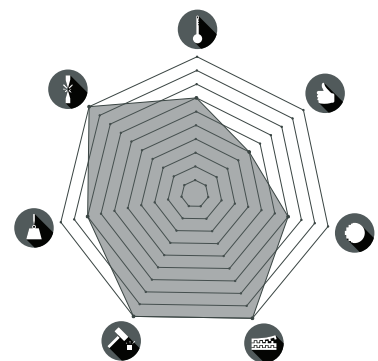
PROPERTIES

TEST	METHOD	UNIT	VALUE
Tensile strength	ISO 527-2	MPa	42
Breaking stress	ISO 527-2	%	555
Melting temperature	ISO 3146-C	C°	180-200
VICAT A (VST)	ISO 306	C°	98
Density	ISO 2781	g/cm ³	1,16
Hardness	ISO 868	Shore	A88
Tear strength unnicked	ISO 34-1B	kN/m	132

TECHNICAL SUPPORT

Contact us regarding any questions, improvement suggestions, or problems with this product.

EMAIL support@extrudr.eu



VISUAL
QUALITY

7



HIGH
TEMPERATURE
RESISTANCE

7



LAYER
ADHESION

10



IMPACT
RESISTANCE

10



ELONGATION
AT BREAK

10



MAXIMUM
STRESS

8



EASE OF
PRINTING

5