

# MATERIAL DATA SHEET

## PrintMe Flex – 20D



DENSITY	1.15 g/cm <sup>3</sup>
HARDNESS IN SHORE SCALE	20 D
SHRINKAGE	~0.2 [%]
ELONGATION AT BREAK	>800 [%]
STRENGTH AT 100%	15.3 [N]
RESILIENCE FOR V-NOTCH	NOT BREAK
YOUNG MODULUS	121 [MPa]
TENSILE AT BREAK	-
PRINT TEMPERATURE	220-245 °C
HEATED BED	60-70 °C
NOZZLE	0.4 [mm]
COOLING	60-100 [%]
FLOW	100-115 [%]

Printme Flex also known as RUBBER is an elastomer characterized by high simplicity of the print, which offers multiple possibilities even to beginners. PrintMe Flex is a hybrid material that combines the properties of rubber and other thermoplastic materials such as PLA or ABS. Our elastomer guarantees resilience and elasticity. The printed details may show up to 20D or 40D hardness in Shore scale. Exquisite prints achieved across all temperature range of 220 - 245°C will make your printing experience a sheer pleasure. Furthermore we guarantee resistance to chemicals and UV radiation. In order to achieve even better quality of prints we recommend printing with additional cooling option.

### DOSTĘPNE KOLORY:

