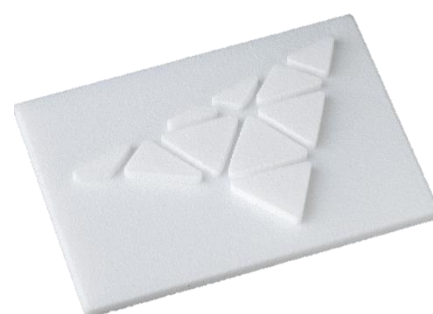


# PA 12

## Material datasheet HP 3D HR PA 12

### general properties

properties	unit	value
base material	–	PA 12
density laser-sintered	g/cm <sup>3</sup>	1,01
precision	mm	+/- 0,3 %, min. 0,3 mm
minimal wall thickness	mm	1,01



### mechanical properties

properties	unit	value
tensile modulus	MPa	1850 - 1900
tensile strength	MPa	45 - 49
elongation at break	%	9 - 17
elongation at yield	%	8 - 11
impact strength	kJ/m <sup>2</sup>	4,1 – 4,8



Dear PROTIQ customer, all information given is based on our knowledge and experience at the time of publication. In addition, the material properties can be influenced by component geometry, environmental influences and material additives. The stated material or component properties, as well as their suitability for specific applications, are neither agreed nor guaranteed, despite regular quality controls. The customer is responsible for checking the component properties and suitability for a specific application.