

DATASHEET HPU-T 93 SH-A FOOD WHITE

thermoplastic polyurethane with resistance to hydrolysis

PROPERTIES	DIN STANDARD	UNIT	VALUE
Colour			WHITE
Hardness 23°C	DIN ISO 868	Shore A	93 ± 5
Hardness 23°C/3 sek	DIN ISO 868	Shore D	46 ± 3
Density	ISO 1183	g/cm ³	1,20
Modulus 100%	DIN 53 504	MPa	12,8
Modulus 300%	DIN 53 504	MPa	37,7
Elongation at break	DIN 53 504	%	445
Tensile strength	DIN 53 504	Mpa	43,7
Compression set 70°C/22h	DIN ISO 815-1	%	24
Compression set 70°C/70h	DIN ISO 815-1	%	28
Compression set 100°C/22h	DIN ISO 815-1	%	33
Rebound resistance	Din iso 4662:2017	%	45
Tear strenght	DIN ISO 34-1	N/mm	38
Abrasion résistance	DIN ISO 4649 B	mm ³	35
Service température min.		°C	-30
Service température max.		°C	+110

FOODSTUFF APPROVAL



All the above data comes from random tests on current production, based on a standard sample according to ISO, DIN and ASTM. These standards cannot be applied directly to the building element.

Our technical advice, whether oral, written or test-based, is provided to the best of our knowledge, but should be considered non-binding. They do not dispense from testing the product to verify its suitability for the process and intended purpose.

The use and processing of the products is beyond our control and under your responsibility.

In case of liability, this will be limited to the value of the product delivered and used.

We guarantee the irreproachable quality of our products in accordance with our general conditions of sale and delivery.