

H-ECOPUR [HPU, TPU]

PROPERTIES	DIN STANDARD	UNIT	H-ECOPUR
color			red
hardness	53505	Shore A	95±2
hardness	53505	Shore D	48±3
density	53479	g/cm ³	1,20
100% modulus	53504	N/mm ²	≥13
tensile strength / yield stress	53504 / 53455	N/mm ²	≥50
elongation at break	53504 / 53455	%	≥230
modulus of elasticity – tensile test	53457	N/mm ²	
compression set 70°C/24h 20% Def.		%	
100°C/24h 20% Def.		%	
100°C / 22h	53517	%	≤27
175°C / 24h	53517	%	≤33
rebound resilience	52512	%	29
tear strength	53515	N/mm	≤100
abrasion	53516	mm ³	17
minimum service temperature		°C	-20
maximum service temperature		°C	+110

CERTIFICATE

We herewith confirm the ECONOMOS material

H-ECOPUR

Polymer:	TPU
Colour:	red
Hardness:	95 ± 1 Shore A
Density:	1,20 g/cm ³

which is intended as a sealing material for the use in food processing machinery is in full compliance with

the FDA regulations (Food and Drug Administration, USA), including the regulations in Title 21 of the Code of Federal Regulations (21 C.F.R.), with the status "Generally recognized as safe (GRAS)"

and the positive list of the BGA (German authority of health issues) - Recommendation paragraph XXXIX, dated 10th Mai, 1995, category 1.

Judenburg, 26. June 2002

We believe this information is the best currently available on the subject to our internal amendment routine. Economos is unable to guarantee and/or take any responsibility, obligation or liability whatsoever in connection with this information.