

## Ecorubber 2 [FPM, FKM, Viton®]

PROPERTIES	DIN STANDARD	UNIT	ECORUBBER 2
color			brown
hardness	53505	Shore A	83±5
hardness	53505	Shore D	
density	53479	g/cm <sup>3</sup>	2,30
100% modulus	53504	N/mm <sup>2</sup>	≥5
tensile strength / yield stress	53504 / 53455	N/mm <sup>2</sup>	≥8
elongation at break	53504 / 53455	%	≥200
modulus of elasticity – tensile test	53457	N/mm <sup>2</sup>	
compression set 70°C/24h 20% Def.		%	
100°C/24h 20% Def.		%	
100°C / 22h	53517	%	
175°C / 24h	53517	%	≤20
rebound resilience	52512	%	7
tear strength	53515	N/mm	21
abrasion	53516	mm <sup>3</sup>	150
minimum service temperature		°C	-20
maximum service temperature		°C	+200

# CERTIFICATE

We herewith confirm the ECONOMOS material

## **ECORUBBER 2-85A-w-FG**

Polymer:	FPM / FKM
Colour:	white
Hardness:	85 ± 5 Shore A
Density:	2,63 g/cm <sup>3</sup>

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

the positive list of § 177.2600, CFR 21, "Rubber Articles Intended for Repeated Use" of the Food and Drug Administration, USA.

Judenburg, 20. Juni 2001

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.