

Ecopaek [PEEK]

PROPERTIES	DIN STANDARD	UNIT	ECOPAEK
color			cream
hardness	53505	Shore A	
hardness	53505	Shore D	86
density	53479	g/cm ³	1,32
100% modulus	53504	N/mm ²	
tensile strength / yield stress	53504 / 53455	N/mm ²	97
elongation at break	53504 / 53455	%	>50
modulus of elasticity – tensile test	53457	N/mm ²	3600
compression set 70°C/24h 20% Def.		%	
100°C/24h 20% Def.		%	
100°C / 22h	53517	%	
175°C / 24h	53517	%	
rebound resilience	52512	%	
tear strength	53515	N/mm	
abrasion	53516	mm ³	
minimum service temperature		°C	
maximum service temperature		°C	+260

CERTIFICATE

We herewith confirm the ECONOMOS material

ECOPAЕК

Polymer:	PEEK virgin
Colour:	creme
Hardness:	86 Shore D
Density:	1,32 g/cm ³

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

the FDA regulations 21 CFR 177.2415 of the Food and Drug Administration, USA

and the EC regulations, 90/128/EEC.

Judenburg, 21. September 2000

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.