



This datasheet of **Akulon® F130** from **Envalior** is provided by the international plastics database **CAMPUS**.

Akulon® F130 | PA6 | Envalior

Product Texts

Film Extrusion, Medium Viscosity, Food Contact Quality

ISO 1043 PA6

Thermal properties

	Value	Unit
Melting temperature, 10°C/min	220	°C
Coeff. of linear therm. expansion, parallel	90	E-6/K

Other properties

	Value	Unit
Water absorption	9.5	%
Humidity absorption	2.5	%
Density	1130	kg/m³

Material specific properties

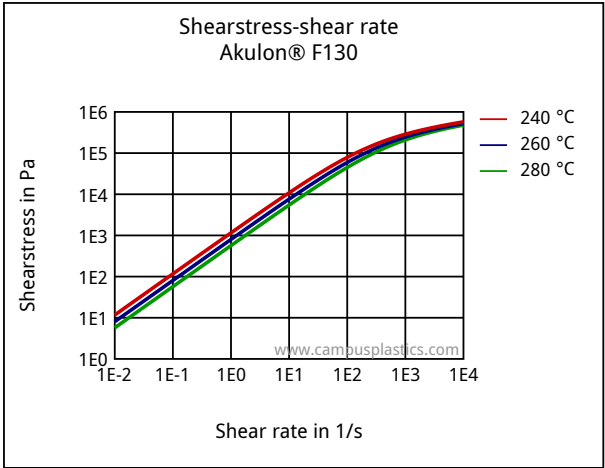
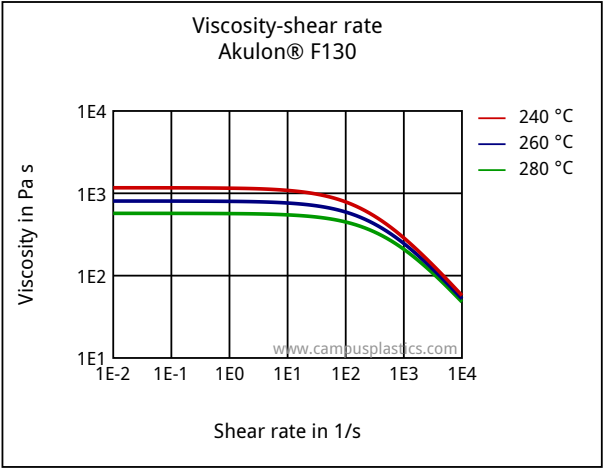
	Value	Unit
Viscosity number	196	cm³/g

Film Properties

	Value	Unit
Stress at yield, parallel	31	MPa
Maximum stress, parallel	82	MPa
Maximum strain, parallel	350	%
Trouser tear resistance, parallel	32	N/mm
Dynamic coefficient of friction	1	-
Haze	7	-
WVTR, 23°C/85%r.h.	35	g/(m²*d)
Oxygen transmission rate, 23°C/0%r.h.	26	cm³/(m²*d*bar)
Oxygen transmission rate, 23°C/85%r.h.	39	cm³/(m²*d*bar)
Type of extrusion	cast	-

Thickness of specimen
0.05 mm

Diagrams



Characteristics

Processing

Film Extrusion, Other Extrusion, Casting

Delivery form

Pellets

Regional Availability

Europe

Other text information

Film extrusion

Processing of Akulon® Film Grades

Chemical Media Resistance

Alcohols

Methanol (23°C)

Ethanol (23°C)

Hydrocarbons

Toluene (23°C)

Ketones

Acetone (23°C)

Ethers

Diethyl ether (23°C)

Other

This website uses cookies. By using this website, you agree to the use of cookies.

Ethyl Acetate (23°C)

Privacy
Policy

Close

Water (23°C)

All the trademarks mentioned here are trademarks of Envalior.

Seller represents and warrants exclusively that on the date of delivery by Seller the product shall be in conformity with the specifications agreed upon. Seller makes no other representations or warranties, whether express or implied.

Seller is not responsible or liable for the design of the products of the Customer and it is the responsibility of the Customer to determine that the Seller's product is safe, complies with application laws and regulations, and is technically or otherwise fit for its intended use. Seller does not endorse or claim suitability of its products for a specific application and disclaims each and every representation or warranty, whether express or implied, in that respect.

Typical values are indicative only and are not to be construed as being binding specifications. Colorants in the product or other additives may cause significant variations in typical values.

Copyright © Envalior 2024. All rights reserved. No part of the information may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, or other electronic or mechanical methods, without the prior written permission of Envalior.

The CAMPUS internet database is hosted by Altair Engineering GmbH. Altair Engineering GmbH assumes no liability for the system to be free of errors. Any decision about the application of materials must be double checked with the producer of this material.

CAMPUS® is a registered trademark of CWFG mbH, Frankfurt am Main, 2024