



This datasheet of **Akulon® F132** from **Envalior** is provided by the international plastics database **CAMPUS**.

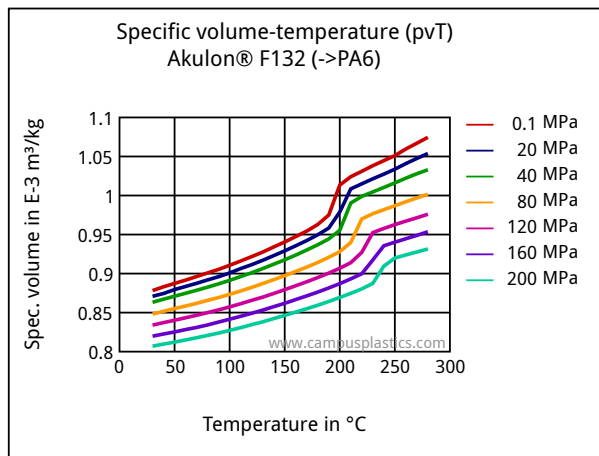
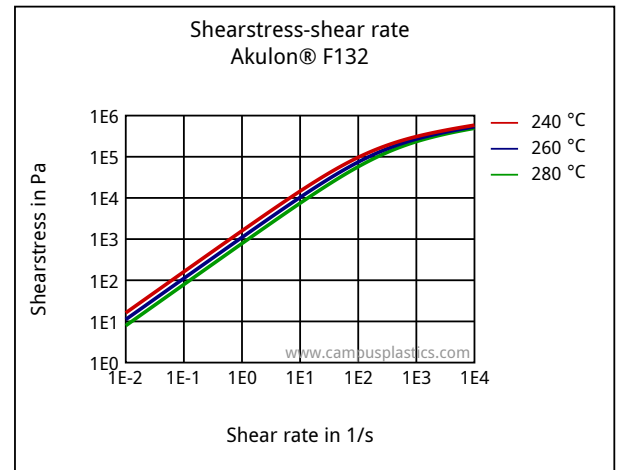
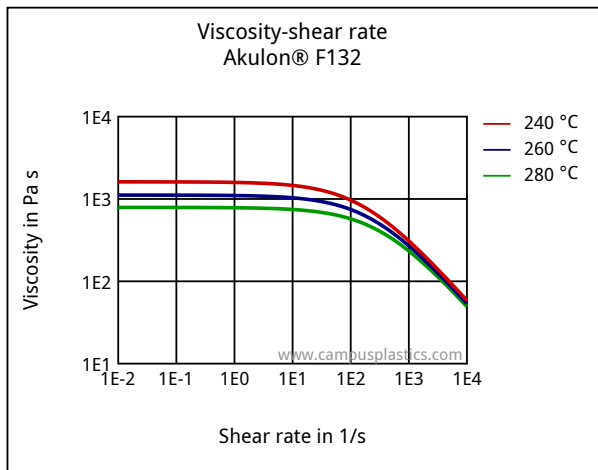
**Akulon® F132 | PA6 | Envalior**

**Product Texts**

Medium/High Viscosity, Film Extrusion, 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	210	cm³/g
Film Properties	Value	Unit
Stress at yield, parallel	32	MPa
Maximum stress, parallel	83	MPa
Maximum strain, parallel	350	%
Trouser tear resistance, parallel	32	N/mm
Dynamic coefficient of friction	1	-
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.	38	cm³/(m²*d*bar)
Type of extrusion	cast	-
Thickness of specimen	0.05	mm



## 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)

Toluene (23°C)

## Ketones

Acetone (23°C)

## Ethers

Diethyl ether (23°C)

## Other

Ethyl Acetate (23°C)

Water (23°C)

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