



This datasheet of **Akulon® F236-C** from **Envalior** is provided by the international plastics database **CAMPUS**.

**Akulon® F236-C | PA6 | Envalior**

**Product Texts**

High Viscosity, Lubricated, Food Contact Quality

ISO 1043 PA6

Mechanical properties	dry / cond	Unit
Tensile modulus	2700 / -	MPa
Yield stress	78 / -	MPa
Yield strain	4.2 / -	%
Charpy notched impact strength, +23°C	6.6 / -	kJ/m²
Charpy notched impact strength, -30°C	3.3 / -	kJ/m²
Thermal properties	dry / cond	Unit
Melting temperature, 10°C/min	220 / *	°C
Burning behavior at 1.5 mm nominal thickness	HB / *	class
Thickness tested (1.5)	1.5 / *	mm
Yellow Card available	Yes / *	-
Burning behavior at thickness h	HB / *	class
Thickness tested (h)	3.0 / *	mm
Yellow Card available	Yes / *	-
Other properties	dry / cond	Unit
Water absorption	9.5 / *	%
Humidity absorption	2.5 / *	%
Density	1.307	kg/m³

## Material specific properties

Viscosity number

dry / cond Unit

244 / \* cm<sup>3</sup>/g

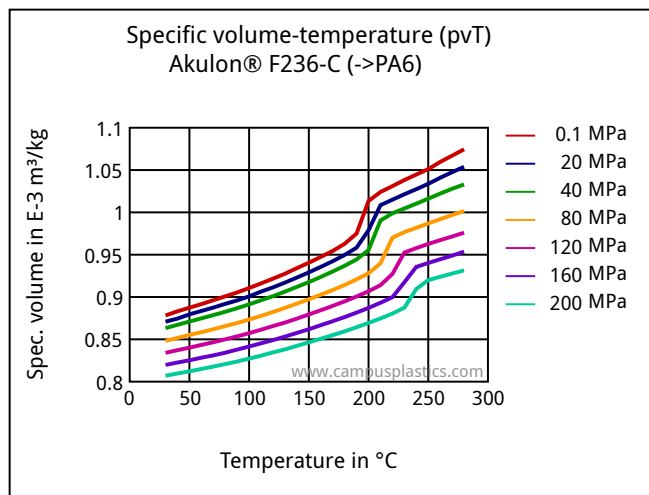
## Film Properties

Type of extrusion

dry / cond Unit

blown / \* -

## Diagrams



## Characteristics

### Processing

Film Extrusion, Sheet Extrusion, Other Extrusion

### Delivery form

Pellets

### Additives

Lubricants

### Regional Availability

Europe

## Other text information

### Film extrusion

Processing of Akulon® Film Grades

## Chemical Media Resistance

### Alcohols

Methanol (23°C)

Ethanol (23°C)

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Toluene (23°C)

## Ketones

Acetone (23°C)

## Ethers

Diethyl ether (23°C)

## Other

Ethyl Acetate (23°C)

Water (23°C)

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