



This datasheet of **Akulon® F-X9222** from **Envalior** is provided by the international plastics database **CAMPUS**.

Akulon® F-X9222 | PA6 | Envalior

Product Texts

Low/Medium Viscosity, Heat Stabilized, High Monomer Content PA6

ISO 1043 PA6

Mechanical properties	dry / cond	Unit
Tensile modulus	2800 / -	MPa
Yield stress	76 / -	MPa
Yield strain	4 / -	%
Nominal strain at break	>50 / -	%
Charpy impact strength, +23°C	N / N	kJ/m²
Charpy notched impact strength, +23°C	5.3 / -	kJ/m²

Thermal properties	dry / cond	Unit
Melting temperature, 10°C/min	220 / *	°C
Coeff. of linear therm. expansion, parallel	90 / *	E-6/K
Coeff. of linear therm. expansion, normal	100 / *	E-6/K

Other properties	dry / cond	Unit
Water absorption	9.5 / *	%
Humidity absorption	2.5 / *	%
Density	1130 / -	kg/m³

Material specific properties	dry / cond	Unit
Viscosity number	162 / *	cm³/g

Processing

Injection Molding, Film Extrusion, Coating

Delivery form

Pellets

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Asia Pacific

Other text information

Injection molding

Injection Molding Recommendations

Steel recommendations for molds screws and barrels

Trouble shooting guideline for injection molding

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

Ethyl Acetate (23°C)

Water (23°C)

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