



Powering Creation

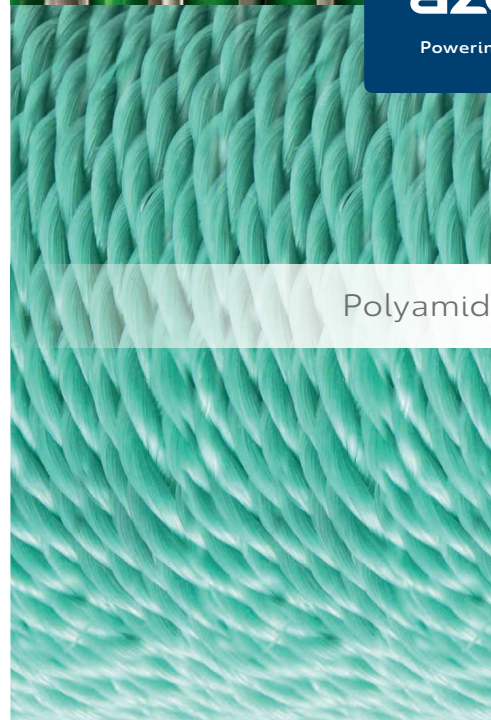


Grupa Azoty ATT Polymers GmbH

Forster Straße 72 | D-03172 Guben | Germany  
Tel.: +49(0)3561 620 55 | Fax: +49(0)3561 620 5750

Sales office  
Jessenstraße 4 | D-22767 Hamburg | Germany  
Tel.: +49(0)40 38 68 0150 | Fax: +49(0)40 38 680 1515

[grupaazoty.com](http://grupaazoty.com)



## Grupa Azoty ATT Polymers

The goal of Grupa Azoty ATT Polymers is to be leader in customer service, in combination with high quality of product, flexibility and speed. Our facilities' unique configuration show big advantages. Therefore the Company is able to develop tailor made products according to customer's requirement which gives strong market position to the company.

Polyamide 6 Producer

**alphalon PA6**



# alphalon PA6

alphalon™ is the trade name of polyamide 6 of Grupa Azoty ATT Polymers GmbH, which is a high-quality thermoplastic, produced by hydrolytic polymerization of ε-caprolactam.

### Main features alphalon™

- high mechanical strength, stiffness, hardness,
- high impact strength,
- strong mechanical damping ability,
- good resistance against fatigue,
- very good sliding properties due to low coefficient of friction,
- abrasion and scratch resistance,
- thermostability allowing continuous working temperature from -60 to 150°C,
- high chemical resistance, especially to organic solvents, including oils, fuels, lubricants,
- low flammability and self-extinguishing properties,
- good electrical insulating properties,
- good optical properties, to ease coloring,
- food approval,
- high ability for production of fibers.

### Products: PA6, bright

Type	Viscosity	Water (%)	Extrakt (%)	Color (APHA)	Aminogroups (meq/kg)	Grain size (g/100 pieces)
alphalon™ 24	2,35 - 2,45	≤ 0,1	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 25	2,45 - 2,55	≤ 0,1	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 27	2,67 - 2,73	≤ 0,05	≤ 0,6	≤ 5	34,5 - 39,4	1,25 - 1,45
alphalon™ 27C	2,60 - 2,80	≤ 0,1	≤ 0,6	≤ 5	32,0 - 40,0	1,25 - 1,45
alphalon™ 27D	2,67 - 2,73	≤ 0,1	≤ 0,6	≤ 5	32,0 - 40,0	1,25 - 1,45
alphalon™ 32	3,15 - 3,25	≤ 0,06	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 33	3,25 - 3,35	≤ 0,06	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 36	3,55 - 3,65	≤ 0,06	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 40	3,95 - 4,05	≤ 0,06	≤ 0,6	≤ 5		1,25 - 1,45
alphalon™ 40H	3,90 - 4,10	≤ 0,06	≤ 0,6	≤ 5		1,25 - 1,45

### Explanation:

Additional products; modified

L – lubrication

N – nucleation

T – heat-stabilized

Other modifications to the customer's requirements.

The modified grades can be used for injection molding resp. extruding.

### Our certificates



Certificate of Registration  
DE-134-00035



ISO 9001:2008  
TÜV Rheinland Cert GmbH

