

Product Specification

1. Product description:

Alphalon™ 40

is a bright polyamide 6 grade of high viscosity that is suited for the production of films and monofilaments.

2. Chip properties

	Unit	Value	Test method
Relative viscosity (RV)		4.0 ± 0.05	ISO 307 - 1% in 96% H2SO4
Viscosity number	ml/g	250	ISO 307 - 0.5% in 96% H2SO4
Melting point	°C	220	ISO 3146
Density	g/cm ³	1.13	ISO 1183
Chip shape		cylindrical	
Chip size	mm	2.5	
Moisture content	% [m/m]	≤ 0.05	ISO 15512
Extract content	% [m/m]	< 0.64	internal

3. Food legislation

Certificates regarding the status will be provided on request.

4. Supply form and storage

Alphalon™ 40 is supplied pre-dried and ready for processing in a variety of moisture proof bags, big bags, octabins and bulk containers.

The delivered material has to be protected against moisture during storage. A storage time of 6 months should not be exceeded. The packed material should be stored in dry rooms. Open packages, if not fully emptied, should be carefully closed and sealed. Bulk material should be stored in silos under nitrogen.

5. Important note

The information contained herein is based on the present state of our knowledge and experience. In view of the many factors that may influence processing and application users should in any case run their own tests to determine the suitability of the product for their particular purpose. Users of our product must assume responsibility for observing existing proprietary rights, laws and regulations.

6. Further information

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The product is manufactured in accordance with the Management Systems ISO 9001 and EMAS

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