

Ultramid® 1C
PA66/6...

BASF

Alcohol soluble polyamide for tough, abrasion-resistant coatings and coverings with high oxygen barrier.

Mechanical Properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	2400 / 1400	MPa	ISO 527
Yield stress	80 / 48	MPa	ISO 527
Yield strain	5 / 5	%	ISO 527
Nominal strain at break	>50 / 37	%	ISO 527
Impact Strength (Charpy), +23°C	140 / no break	kJ/m²	ISO 179/1eU
Impact Strength (Charpy), -30°C	200 / -	kJ/m²	ISO 179/1eU
Notched Impact Strength (Charpy), +23°C	7.5 / 8.5	kJ/m²	ISO 179/1eA
Notched Impact Strength (Charpy), -30°C	8 / -	kJ/m²	ISO 179/1eA

Characteristics

Processing

Coating

Special Characteristics

Transparent

Disclaimer

Liability Exclusion

These guide values are measured and provided by the product manufacturer and have been determined on standardised test specimens and can be affected by pigmentation, mould design and processing conditions. M-Base has taken the guide values from the producer's original Technical Data Sheet. **ALBIS AND M-BASE ARE THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THE GUIDE VALUES AND CANNOT GIVE ANY WARRANTY WITH REGARD TO THEIR CORRECTNESS.**

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The buyer is solely responsible for confirming the suitability of the product for a particular application, its utilization and processing and must observe any applicable laws and government regulations. **NO EXPRESS OR IMPLIED RECOMMENDATION OR WARRANTY IS GIVEN WITH REGARD TO THE SUITABILITY OF THE PRODUCT FOR A PARTICULAR APPLICATION, SUCH AS, BUT NOT LIMITED TO, SAFETY-CRITICAL COMPONENTS OR SYSTEMS.**

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Important: irrespective of product type or designation, ALBIS does not recommend or support the use of any products it supplies which fall into the following medical, pharmaceutical or diagnostic application categories:

- risk class III applications according to EU directive 93/42/EEC
- any bodily implant application for greater than 30 days
- any critical component in any medical device that supports or sustains human life.

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