

# Technical Datasheet

WIS Kunststoffe GmbH



## PreaMid A GF25 /A/307 natur

PA66 GF25 Alternativmaterial zu Ultramid A3HG5 natur

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Technical Data	Norm	Value	Unit dry a.m.
<b>General</b>	Value dry as moulded		
<b>Mechanical properties</b>			
Tensile modulus of elasticity (1mm/min)	ISO 527	9000	MPa
Tensile stress at break (5mm/min)	ISO 527	170	MPa
Tensile strain at break (5mm/min)	ISO 527	2,8	%
Flexural strength (2mm/min)	ISO 178	245	MPa
Flexural modulus (2mm/min)	ISO 178	7500	MPa
Charpy notched impact strength (23°C)	ISO 179/1eA	10	kJ/m <sup>2</sup>
Charpy impact strength (23°C)	ISO 179/1eU	60	kJ/m <sup>2</sup>
<b>Thermal properties</b>			
Vicat softening temperature	ISO 306	>230	°C
Heat deflection temperature HDT A (1,8MPa)	ISO 75-A	245	°C
<b>Physical properties</b>			
Density	ISO 1183	1,33	g/cm <sup>3</sup>
Humidity	ISO 15512-C	<0,25	%
<b>Processing conditions</b>			
Melt temperature range		°C	255-290
Recommended mould temperature		°C	70-100
Predrying temperature		°C	80
Predrying time		h	2-4

## Guideline:

The abovementioned information and our application specific advice, references or recommendations, whether oral or in writing, are to the best of our knowledge, but shall be treated as non-binding guidelines only, also in relation to any potential third party intellectual property rights. The results were derived from a laboratory test that was carried out under ideal and predefined conditions on samples without any accessory agents such as master batches or additives. Consequently, they are not to ensure the fitness of the Products' specific properties for a particular purpose. In particular they will not release the buyer from examining our Products for their suitability for the intended use or purposes. We guarantee impeccable quality under our general terms and conditions of sale and delivery. The figures quoted are approximate.

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