

**Nylaforce® A 60**

PA66-GF60

Brenntag AG

<b>Processing/Physical Characteristics</b>	<b>dry / cond</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	21500 / 16000	MPa	ISO 527
Tensile Strength	270 / 200	MPa	ISO 527
Strain at break	2.5 / 3.5	%	ISO 527
Charpy impact strength, +23°C	95 / 95	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	17 / 20	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	250 / *	°C	ISO 75-1/-2
<b>Other properties</b>			
Density	1700 / -	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Processing humidity	≤0.1	%	-
Melt temperature	280 - 310	°C	-
Mold temperature	80 - 140	°C	-
Back pressure	2 - 8	MPa	-

**Characteristics****Processing**

Injection Molding

**Features**

Low Odor

**Delivery form**

Pellets

**Regional Availability**

Europe

**Special Characteristics**

Heat stabilized or stable to heat