

# ENGITECH® B00 909000

# Technical Data Sheet

Compound in PA 6

## PRODUCT DESCRIPTION

ENGITECH® B00 909000 is non-reinforced PA6 compound having balanced mechanical properties and flow behavior

Property	Test Condition	Unit	Standard	Typical value
<b>Mechanical properties (23 °C/50 % r. h.)</b>				
Tensile strength	10 mm/min	MPa	ASTM D638	50
Flexural modulus	2 mm/min	MPa	ASTM D790	2600
Flexural strength	2 mm/min	MPa	ASTM D790	80
Izod impact strength (notched)	23 °C	J/m <sup>2</sup>	ASTM D256	32
<b>Thermal properties</b>				
Melting temperature	10 °C/min	°C	ASTM D3418	222
<b>Other properties (23 °C)</b>				
Density		g/cc	ASTM D792	1.14
<b>Processing recommendations</b>				
Drying temperature (dry air dryer)		°C		80
Drying time dry air dryer		h		3 - 4
Residual moisture content		%	Karl Fischer	0.2 (max)

## USAGE

ENGITECH® B00 909000 is especially suited for the injection molding in general purpose applications.

## STORAGE AND SHELF LIFE

It is recommended to store ENGITECH® B00 909000 compound in dry, dust free sealed conditions and prevent exposure to direct sunlight and/or heat. The storage should not exceed 12 months at 25°C for optimum performance. Higher temperature might reduce storage time considerably.

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