

ENGITECH® B16 909001

Provisional Data Sheet

Compound in PA 6

PRODUCT DESCRIPTION

ENGITECH® B16 909001 is a glass reinforced PA6 compound having excellent mechanical properties, flow behavior and good dimensional stability.

Property	Test Condition	Unit	Standard	Typical value
Mechanical properties (23 °C/50 % r. h.)				
Tensile strength	50 mm/min	MPa	ASTM D638	70
Flexural modulus	2 mm/min	MPa	ASTM D790	4500
Flexural strength	2 mm/min	MPa	ASTM D790	100
Izod impact strength (notched)	23 °C	J/m ²	ASTM D256	55
Thermal properties				
Melting temperature	10 °C/min	°C	ASTM D3418	222
Other properties (23 °C)				
Density		g/cc	ASTM D792	1.35
Filler Content		%	ASTM D5630	30
Processing recommendations				
Drying temperature dry air dryer		°C		80
Drying time dry air dryer		h		3 - 4
Residual moisture content		%	PBI	0.2

USAGE

ENGITECH® B16 909001 is especially suited for the injection molding of general purpose application

STORAGE AND SHELF LIFE

It is recommended to store ENGITECH® B16 909001 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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