

# Behdallon B66GF30



Polyamide 6.6 – 30% glass fiber reinforced

## Description

Behdallon B66GF30 is heat stabilized glass reinforced nylon for common and engineering applications.

General properties	
Forms	Granule
Processing method	Injection Molding
Color	Black

Physical Properties	Value	Unit	Test Method
Density	1.36	gr/cm <sup>3</sup>	ISO 1183
Moisture content	<0.2	%	ISO 960
Moisture absorption	1.90	%	50% RH, ISO 62
Linear Mold Shrinkage, flow	0.0030	cm/cm	
Linear Mold Shrinkage, Transverse	0.011	cm/cm	
Processing temperature	270-230	°C	
Dry Time @ 80°C	2-4	h	

Mechanical Properties	Value	Unit	Test Method
Tensile Modulus	10	Gpa	ISO 527
Tensile Strength @Break	185	Mpa	ISO 527
Elongation @Break	3	%	ISO 527
Notched Izod Impact (23°C)	13	Kj/m <sup>2</sup>	ISO 180
Unnotched Izod Impact (23°C)	80	Kj/m <sup>2</sup>	ISO 180