

## Technical Datasheet

### Product:

### Polyamide 6 Reinforced With 30% Glass Fiber

### Grade: C1PA6-30GF-B

#### Product Description:

C1PA6-30GF-B is polyamide 6 reinforced with 30 % glass fiber. This grade provides high stiffness and dimensional stability, simultaneously. This compound has been designed for injection molding process.

#### Appearance:

Polymer Host	PA 6
Appearance	Granule
Color	Black
Glass Fiber Content	30%

#### Physical Properties:

Properties	Unit	Value	Standard
Specific Gravity	g/cm <sup>3</sup>	1.3	ASTM D792
Tensile Strength (50 mm/min)	MPa	40	ASTM D638
Elongation @ break	%	5	ASTM D638
Flexural Modulus	MPa	8000	ASTM D790
Izod Notched Impact Strength	KJ/m <sup>2</sup>	7	ASTM D 256

**Processing Temperature:** The recommended processing temperature is 270 to 290 °C.

**Note:** It should be degassed at 80°C for 4 hours properly before using.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.