



## NOVADURAN - PBT

Mitsubishi Engineering-Plastics' Polybutyleneterephthalate NOVADURAN (PBT) is a product of the polycondensation of dimethyl terephthalate and 1,4-butylene glycol.

PBT is easy to mold, resistant to abrasion, easy to color and has excellent electrical properties. Its applications are steadily expanding, particularly for electronic equipment and automobiles.

Mitsubishi Chemical Corporation, one of the parent compa-

nies of Mitsubishi Engineering-plastics Corporation, is the only manufacturer in Japan producing the raw materials of PBT resin-dimethyl terephthalate.

NOVADURAN has many grades to meet a wide range of requirements. They are classified into four major groups, as shown below.

Glass fiber (GF) is the most common filler but other fillers are also used. Alloy grades are also available.

Grade	Unfilled	Filled
Standard	5010R	5010G
	5010CR2	5010F
Flame retardant	5010N5	5010GN1
	5010N6	5010GN6

### Characteristics of NOVADURAN:

- Excellent mechanical properties
- Excellent heat resistance
- Excellent mold ability and flow ability
- Low moisture absorption for high dimensional stability
- Excellent surface gloss and color
- Excellent oil and chemical resistance
- Excellent electrical properties
- Excellent friction and abrasion properties
- Flame retardant grades available

#### ADVANCED POLYMER TRADING FZC

19th Floor, Festival Tower

Dubai Festival City , Dubai - UAE

Phone: +971 4 293 2608 Fax: +971 4 293 2525

Website : [www.advanced-polymer.com](http://www.advanced-polymer.com)

