

Data Sheet: PTFE

MATERIAL: POLYTETRAFLUOROETHYLENE

A Conductive PTFE compound 1% by weight composition of Carbon Black. 99% free flowing granular PTFE, for auto Isostatic and general purpose compression moulding.

Material meets the FDA regulation under code 21CFR 177.1550 and Euro Directive 10/2011/EC for material that may come into contact with food.

COLOUR: BLACK

GENERAL SERVICE TEMPERATURE RANGE: -100°C to 250°C

PHYSICAL PROPERTIES	TEST METHOD	SPECIFICATION
HARDNESS SHORE D	NEEDLE	57±3
TENSILE STRENGTH, MPa	ASTMD4894	25 Min
ELONGATION, %	ASTMD4894	250 Min
SPECIFIC GRAVITY, g/cm³		
THEORETICAL	ASTMD4894	2.13 - 2.19
MEASURED	ASTMD4894	2.14
BULK DENSITY g/Ltr	ASTMD4894	500 Min

The above test results are based on test slabs / buttons. The results from the actual parts may be different.

Issue Date: 27.05.2011