

8123

Material Data Sheet

Product Information

15% Graphite NFF

Features

A 15% graphite filled PTFE compound which is ideal for high speed, high load application and operates well in water.

Benefits

This formulation offers the following performance advantages:

- Increased wear resistance against soft metals
- Chemically inert
- Extrusion resistant
- Improved sliding properties
- Excellent thermal and electrical conductivity

Typical Applications

- High speed sliding bearings
- Seal rings
- Compressor rings
- Pump bearings
- Rod and piston seals

Delivery Program

This product is sealed in two – layer plastic bags inside a rigid 25 or 30kg drum. It should be stored at 22 to 25°C for 24 hours before processing.

This grade is available as:

- Non free flow or Free flow resin

Physical Properties

Property	Value	Unit
Colour	Black	
Bulk Density	500	g/l
Specific Gravity	2.14 – 2.16	g/cm ³
Hardness	62	Shore D
Tensile Strength	17	MPa
Elongation	200	%
Shrinkage	2.4	%
Rec Preform Pressure	50	MPa
Max Sintering Temp	370	°C

