

Technical Data Sheet

Flints Black Gun Foam

1. Introduction

Part A reacts with Part B to form a flexible polyurethane foam. .

2. Applications

Black Gun Foam has been formulated for use primarily for moulding and casting applications requiring a good skin to the finished product. The processing characteristics allow for mixing by hand, drill or machine, although best results are obtained with a machine.

3. Properties

Property	Units	Minimum	Maximum
Free-Rise Density	g/mL	0.15	0.25

Property	Typical	Value	Units
Cream Time (100g 20°C)	15-25		Seconds
Rise Time (100g 20°C)	2-3		Minutes
Demould Time (components @ 20°C, Mould @ 35°C)	20		Minutes
Full Cure (100g 20°C)	12		Hours

4. Mix Ratios

By Weight: 3.00 Parts Part A to 1.0 Parts Part B

The components should be measured to an accuracy of 2% or better. Care should be taken when measuring by volume as this is an inherently inaccurate method unless specific volumetric measuring equipment is used.