

DEF010 Flexible Polyurethane Foam

1. Introduction

DEF010 reacts with Part B to form a flexible polyurethane foam.

This is a development product and therefore information about the behaviour and properties of the components and the cured product is limited. A full technical datasheet will be prepared in due course. Please direct any queries to Atlas Polymers.

2. Applications

DEF010 has been formulated for use primarily as a soft moulding foam. The processing characteristics allow for mixing by hand, drill or machine.

3. Properties

Property	Units	Minimum	Maximum
Cream Time (100g 20° C)	Seconds	20	40
Rise Time (100g 20° C)	Minutes	3	5
Tack-free Time	Minutes	9	11
Free-rise S.G.	-	0.10	0.15
Part A Viscosity (Brookfield spindle 3, 20rpm, 20° C)	mPas	1250 (typical)	
Part B Viscosity (Brookfield spindle 3, 20rpm, 20° C)	mPas	160 (typical)	

4. Mix Ratios

By Weight: 2.00 parts DEF010 to 1.0 parts Part B

By Volume: 2.13 parts DEF010 to 1.0 parts Part B

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