

# Technical Data Sheet

## BT. 999 Butyl Reclaim / GRP BRI 75R Butyl Reclaim

### Introduction:

- **BT. 999 Butyl Reclaim / GRP BRI 75 R Butyl Reclaim** is reclaimed rubber made from Butyl inner tubes, together with reclaiming aids. After processing, the reclaim is first screened and then refined by milling. The very thin sheets resulting from this process are piled up to form a blanket approximately 10mm thick.
- **BT. 999 Butyl Reclaim / GRP BRI 75 R Butyl Reclaim** is PBN free and PAH conformant.

### Uses:

BT. 999 Butyl Reclaim / GRP BRI 75 R Butyl Reclaim is used in butyl rubber compounding to reduce costs and increase processability.

### Specification Characteristics:

Product Description			
	<b>Colour</b>	Black	
	<b>Form</b>	"Blanket"	
	<b>Sheet Thickness</b>	20mm max	
Composition			
	<b>Substance</b>	<b>% by Weight</b>	
	Carbon Black	32 ± 4	
	RHC (by difference)	50 min	
	Volatile Matter (Moisture)	1 max	
	Ash Content	5 ± 2	
	Acetone Extract	9 ± 3	
Properties			
	<b>Property</b>	<b>Unit</b>	<b>Value</b>
	Specific gravity		1.14 ± 0.02
	Mooney Viscosity ML 1+4 at 100°C		37 ± 8
	Hardness	Shore A	51 ± 3
	Tensile Strength	kg/cm <sup>2</sup>	75 min
	Elongation @ Break	%	480 min
	State of refining		Superfine

### Storage:

Recommended conditions are dry storage in a cool atmosphere. There will be a slow increase of Mooney viscosity on storage, for which a maximum of one year is recommended.

### Packaging:

Each blanket weighs approximately 5 kilos. Whole and cut blankets are made up to 25 kilos nett, and this amount is then packed in polyethylene bags on pallets, and shrink- wrapped. 40 such parcels are packed onto a strong pallet, so giving a unit load of 1,000-kilos net weight. The pallets have overall dimensions of 1,120mm x 1,120mm x 1,120mm and should not be double stacked. Alternative methods of packaging are also available.

### Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS) is available from our website at [www.allcocks.co.uk](http://www.allcocks.co.uk)