

Technical Data Sheet

BT. 500 Butyl Reclaim / GRP BRC 55R Butyl Reclaim

Introduction:

- **BT.500 Butyl Reclaim / GRP BRC 55R Butyl Reclaim** is reclaimed rubber made from Chloro-Butyl 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.500 Butyl Reclaim / GRP BRC 55R Butyl Reclaim** is PBN free and PAH conformant.

Uses:

BT.500 Butyl Reclaim / GRP BRC 55R Butyl Reclaim is used in butyl rubber compounding to reduce costs and increase processability.

Specification Characteristics:

Product Description			
	Colour	Black	
	Form	"Blanket"	
Composition			
	Substance	% by Weight	
	Carbon Black	28 min	
	RHC (by difference)	50 min	
	Ash Content	10 max	
	Acetone Extract	8 ± 3	
Properties			
	Property	Unit	Value
	Specific gravity		1.14 ± 0.02
	Mooney Viscosity ML 1+4 at 100°C		45 ± 10
	Tensile Strength	kg/cm ²	55 min
	Elongation @ Break	%	425 min
	Hardness	Shore A	50 ± 3
	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), available upon request.