

# Technical Data Sheet

## GR. 555 Reclaim / GRP NRF 40R Tyre Reclaim

### Introduction:

- **GR. 555 Reclaim / GRP NRF 40R Tyre Reclaim** is a reclaimed rubber made from tyres, 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.
- **GR. 555 Reclaim / GRP NRF 40R Tyre Reclaim** is PBN free and PAH conformant.

### Uses:

GR. 555 Reclaim / GRP NRF 40R Tyre Reclaim is used in rubber compounding to reduce costs and increase processability.

### Specification Characteristics:

Product Description			
	<b>Colour</b>	Black	
	<b>Form</b>	"Blanket"	
Composition			
	Substance	% by Weight	
	Carbon Black	27 ± 3	
	RHC (by difference)	47 min	
	Ash Content	7 ± 2	
	Acetone Extract	14.6 ± 2	
Properties			
	Property	Unit	Value
	Specific gravity		1.14 ± 0.02
	Mooney Viscosity ML 1+4 at 100°C		35 ± 10
	Hardness	Shore A	59 ± 3
	Tensile Strength	kg/cm <sup>2</sup>	40 min
	Elongation @ Break	%	200 min
	State of refining		Fine

### 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.