



## T E C H N I C A L   D A T A   S H E E T

### NBR 6300

**NBR 6300** is a NBR Powder product, partitioned with CaCO<sub>3</sub> (Calcium Carbonate). The medium viscosity and linear structure of MBR 6300 make it particularly suitable for highly filled Resin (PVC, ABS etc.) compounds and for injection moulding of both thick and thin sections. It enhances elasticity and has resistance to abrasion-loss, flex fatigue, oil, fuels, animal fat and various chemicals. It can also help to minimise the loss of liquid monomeric plasticisers in PVC compounds due to migration, volatility and extraction, it extends their durability in; Footwear uppers and soling for industrial boots, compact and micro-cellular soling of leisure shoes.

NBR 6300 is also used much as secondary binder to modify friction materials in combination with phenolic resins in semi-wet and wet (solvent-based) processes. The powder helps in processing and reduction of noise and vibrations during the service life of friction composites such as brake lining and clutch facings. In addition to, it can use fibre based vulcanised sheeting for gasketing, PVC flooring, modifier for asphalt and coal tar, epoxy resin.

### BASIC PROPERTIES

Polymerization	Cold Emulsion
Appearance	Powder
Bound AN Content (%)	30.0
Volatile Matter (%)	0.4
Ash (%)	1.2
Structure	Linear
Partitioning Agent	PVC or CaCO <sub>3</sub>
Stabilizer	Non-Staining
Mooney Viscosity (MLI+4, 100°C)	57
Specific Gravity	1.04
Package Weight	25kg

Rubber powder should be stored in a suitable condition such as no sunlight, no heat and a dry place.

Packaging: 25kg bags

*The above results are typical values and do not constitute a specification*

Please call or email for further information on any of our products

**T** +44(0)1283 711512   **E** sales@ballance-plastics.co.uk

or visit our **website** [www.ballance-plastics.co.uk](http://www.ballance-plastics.co.uk)