



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

NBR P8300

NBR 8300 is a copolymer of butadiene-acrylonitrile and the powdered Nitrile Elastomer manufactured by advanced emulsion polymerization technology of Goodyear and LG Chem.

NBR 8300 has excellent compatibility with up to 100 parts of PVC resin, its plasticisers, fillers, heat/UV stabilisers and pigments. Within a PVC matrix, **NBR 8300** adds the oil and fuel resistance to PVC compound and also it can improve the impact resistance of PVC.

NBR 8300/PVC blend acts like a TPEs and substitutes for vulcanized rubber and TPU in many applications due to its excellent fuel and grease resistance.

NBR 8300 is recommended to use in overflow tubing, vacuum tubing, grommet seals, cable sleeves, gaiters, guard bellows, fuel hoses and seals.

In other applications, it is used as modifier for ABS crash pads and also as binder for brake linings.

BASIC PROPERTIES

Polymerization	Cold Emulsion
Appearance	Powder
Bound AN Content (%)	32.0
Volatile Matter (%)	0.4
Ash (%)	0.5
Structure	Linear/Crosslinked
Partitioning Agent	PVC or CaCO ₃
Stabilizer	Non-Staining
Mooney Viscosity (MLI+4, 100°C)	56.5
Specific Gravity	0.98
Bale Weight	25kg
Rubber should be stored in suitable condition such as no sunlight, no heat and 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