

Tensar TGSG3030 Geogrids Product Specification

Tensar TGSG3030 geogrids are used for the reinforcement of soils and aggregates in construction of structures such as road pavements, working platforms and reinforced foundations.

Tensar TGSG3030 geogrids are stiff monolithic geogrids with integral junctions. They are orientated in two directions such that the resulting ribs have a high degree of molecular orientation which continues through the area of the integral node. The ribs have a rectangular cross section with square edges.

Property	Units	Value	Reference test method used
Polymer		polypropylene	
Carbon black content	%	≥ 2.0	GB/T13021-1991
Minimum roll width	m	4.0 or 3.8	
Minimum roll length	m	50	
Typical roll weight	Kg	71.2 or 67.6	
Aperture size	mm	41 x 41	
Quality control strength longitudinal (MD)			
Minimum (T _{ULT})	kN/m	30	GB/T 17689-2008
Minimum strength at 2% strain	kN/m	10.5	GB/T 17689-2008
Minimum strength at 5% strain	kN/m	21	GB/T 17689-2008
Approximate strain at T _{ULT}	%	15	GB/T 17689-2008
Quality control strength transverse (TD)			
Minimum (T _{ULT})	kN/m	30	GB/T 17689-2008
Minimum strength at 2% strain	kN/m	10.5	GB/T 17689-2008
Minimum strength at 5% strain	kN/m	21	GB/T 17689-2008
Approximate strain at T _{ULT}	%	13	GB/T 17689-2008

Tensar TGSG3030 geogrids are manufactured in accordance with a Quality Management System which complies with the requirements of BS EN ISO 9001:2015. All quoted dimensions and values are typical unless stated otherwise.

The information in this document supersedes any and all prior Technical Notes for the product(s) designated above, is of an illustrative nature and supplied by Tensar International Limited free of charge for general information purposes only. Tensar reserves the right to amend product descriptions, properties and specifications at any time and without prior notice. This document does not form part of any contract or intended contract. Tensar International Limited excludes to the fullest extent lawfully permitted any and all liability whatsoever for any loss or damage howsoever arising out of the use of and reliance upon this information. It is your sole responsibility and you must assume all risk and liability for the final determination as to the suitability of any Tensar International Limited product and/or design for the use and in the manner contemplated by you in connection with a particular project.

Tensar is a registered trademark

Copyright © Tensar International Limited 2019

Tensar Geosynthetic (China) Ltd
6# Checheng Street
Wuhan Economics & Technical
Development Zone
Hanyang District, Wuhan
China 430056

UK Head Office
Units 2 - 4 Cunningham Court
Shadsworth Business Park
Blackburn
BB1 2QX
United Kingdom
Tel: +44 1254 262431
E-mail: sales@tensar.co.uk
www.tensar-international.com



Certificate Number:
CN-00214Q11956RIM