

TECHNICAL DATA

Page 1 of 1

VIDACORD® TGEN
Tying & Bracing Cords

DESCRIPTION

Vidacord® TGEN is a high tensile cord constructed of round twisted E-glass yarns impregnated with a B-stage thermosetting epoxy resin system.

APPLICATIONS

Vidacord® TGEN is designed specifically for the tying and bracing of electric motor and generator end-windings. After curing, Vidacord® TGEN will become rigid, providing mechanical support to the end-windings.

PHYSICAL PROPERTIES

Property	Units	1.60mm	2.40mm	3.20mm
Diameter	mm	1.60mm ± 0.25mm	2.40mm ± 0.50mm	3.20mm ± 0.50mm
Uncured tensile strength @ 20°C	Newton's	≥ 450	≥ 2000	≥ 3000
Resin content	%	30 ± 5	30 ± 5	30 ± 5
Composition as supplied	/	Slight tack	Slight tack	Slight tack
Thermal class, IEC 60085	°C	155 (Class F)	155 (Class F)	155 (Class F)
Colour	/	Natural	Natural	Natural
Cure cycle		6 Hours @ 160°C	4 Hours @ 160°C	4 Hours @ 160°C
Shelf life @ 5°C, 50% RH	Months	12	12	12
Shelf life @ 20°C, 50% RH		3	3	3
Availability				
Packaging	/	Cardboard reels	Cardboard reels	Cardboard reels
Standard reel length	Metres	500	500	500

® Registered trademark

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for their intended use and the user assumes all risk and liability whatsoever in connection therewith.