



PPG Fiber Glass

INNOFIBER® DCS



TECHNICAL DATA SHEET INNOFIBER® DCS YARNS

Application: InnoFiber® DCS – provides a “Durable and Compatible Sizing” system that is designed to offer robustness and resin compatibility to E-glass Yarn. These products are designed for use in coated strand applications such as screen and other reinforcements where low Tex yarns are required. This non starch-oil yarn bonds well to polyvinyl chloride, polyester, vinylester, epoxy and other resin matrices.



Robust strand with high Bundle integrity



Excellent bobbin payout over a wide range of speeds



Superior abrasion resistance



Very Low broken filament levels



Minimal fuzz generation / build-up at contact points



Improved bonding thus yielding higher tensile strengths



Resin compatible with PVC - (polyvinyl chloride), polyester, vinylester, and epoxy

PRODUCT DESCRIPTION

E-Glass (ASTM D 578-98, paragraph 4.2.2)

Yields: (yd / lb x 100)	150	100	73
TEX, nominal (g/km)	33	51	68
Filament Diameter, Nominal	G	DE	G
Filament Diameter, micron	9	6	9
Type of Binder	Non Starch / Oil		
Nominal Size Content (%)	.60	.60	.60

PACKAGING & PALLETIZING DATA

Packaging: 33 and 51 TEX (15,000 and 10,000 Yds. / lb.)

- **Package Type:** Bobbin – 31 Style
- **Maximum package weight**
⇒ 4.5 kg (10 lbs)
- **Packages / Pallet:**
⇒ 168 Pkg's in Returnable Pkg -RPS
- **Twist Levels:**
⇒ DE100 (51 Tex): 2.0Z TPI (Z 80 TPM)
⇒ G150 (33 Tex): 1.3Z TPI (Z 52 TPM)

Storage: To avoid problems with humidity or static electricity, it is recommended that the glass product should be conditioned in the working area prior to use.

Packaging: 51 and 68 Tex (10,000 and 7,300 Yds. / lb.)

- **Package Type:** Bobbin – 53 Style
- **Maximum package weight:**
⇒ 9.0 kg (20 lbs)
- **Packages / Pallet:**
⇒ 60 pkg in Returnable Pkg – RPS
- **Twist Level:**
⇒ G75 (68 Tex): 1.3Z TPI (Z 52 TPM)
⇒ DE100 (51 Tex): 2.0Z TPI (Z 80 TPM)

Caution: To avoid the possibility of potential injury, maintain column stability by limiting pallet stacking to four high as noted on individual shipping container.