



OptiFlow™ 790C

Chopped Strands for Gypsum Wet Used Applications

PROVISIONAL DATA-SHEET

PRODUCT DESCRIPTION

These wet used chopped strands (WUCS) are composed of Advantex® continuous glass strands, which have been manufactured with the Optiflow™ 790C chemical size and chopped into 1/2" lengths. The Advantex® glass combines the excellent mechanical and electrical properties of traditional E-Glass and is the most environmentally friendly E-Glass with lower environmental foot print (boron-free and fluorine-free glass).



PRODUCT APPLICATION

Typical application is gypsum wall board reinforcement. OptiFlow™ fibers are specifically designed for higher-feed rate processes in "dry feed" application.

FEATURED AND PRODUCT BENEFITS

- During processing, OptiFlow™ shows high consistent feeding onto the line in individual strands
- Reduces feeding flow variation, clumps, and helps improving production rates.

MECHANICAL PROPERTIES

Property	ADVANTEK®	Traditional E-glass
Softening Point (°C)	916°C	850 - 870°C

Product Nomenclature Sizing - Diameter	Chop Length Available (inches)	Moisture Content (%)			Solids Content (%)			Fiber Diameter (Microns)		
		LSL	Nom	USL	LSL	Nom	USL	LSL	Nom	USL
790C	1/2"	5.3	6.8	8.3	.14	.18	.22	14.4	16.0	17.6
790C	1/4" and 1/2"	5.3	6.8	8.3	.06	.12	.18	14.4	16.0	17.6

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TECHNICAL CHARACTERISTICS (nominal values)

The label will identify the material to be ADVANTEX® glass fiber. All material is produced with equipment designed in Imperial Units (inches). The table below lists the Imperial and metric units with label identification.

Imperial Chop Length (inches)	Metric Chop Length	Length Shown on Label (inches)
1/4"	6.3 mm	1/4"
1/2"	12.5 mm	1/2"

PACKAGING

Product	Packaging Available	Est. Pallet Wt.
790C – 16W	22.7 kg. (50 lb.) Poly Bag – 44 - 46 Bags per T604B Carton	998 kg – 2200 lbs. 1043 kg – 2300 lbs
	454 kg. (1000 lb) T513A Bulk Carton (not to exceed 1005 lbs/box)	454 kg – 1000 lbs
	612 kg. (1350 lb) T399A Bulk Carton	612 kg – 1350 lbs
	25.0 kg. (55.1 lb) Poly Bag - 22 Bags per T399A Carton	550 kg - 1212 lbs
	500 kg. (1100 lb) Bulk Bag – Bottom Dump	500 kg - 1100 lbs
	1000 kg. (2205 lb) Bulk Bag – Bottom Dump	1000 kg – 2205 lbs
	1451 kg. (3200 lb) Bulk Bag – Bottom Dump	1466 kg – 3200 lbs

STORAGE

WUCS products are packaged in a polyethylene bag and sealed to retain moisture. Full pallets of material should not be stacked over two high. Shelf life of product is 12 months from date of manufacture and should be used FIFO.

Contact

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OCV™ Reinforcements

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