



# SHANGHAI E-TANG TRADING CO.,LTD.

ROOM 401, BUILDING #57, NO.2999, CAOBao ROAD, SHANGHAI, CHINA

Tel: 0086-21-34520355/0086-15921292120 Fax: 0086-21-34520355

## Technical Data Sheet

### CRF-11



#### Description:

It is made of the high quality textiles-grade ceramic bulk fiber mixed with long fiber binder through our special technological process. Each yarn is reinforced by a fiberglass filament as carrier in order to improve the tensile strength while weaving, braiding or knitting for other textiles.

#### Application:

Basic raw materials for other ceramic fiber textiles.

#### Technical data:

Reinforcement	Glass filament	
Temp. resistance	650°C	
Diameter	525tex up to 2000tex	
Multi-ply	2 or 3	
Color	White	
Fiber Dia.	2-4 um	
Fiber length	10-150 mm	
Rate of liner (24h.128kg/m3)	-3% (1000°C)	
Rate of thermal conductivity	0.09 W/m.K (400°C)	
	0.16 W/m.K (800°C)	
	0.20 W/m.K (1000°C)	
Chemical Composition	Al <sub>2</sub> O <sub>3</sub>	46%
	Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub>	99%
	Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> +ZrO <sub>2</sub>	-
	ZrO <sub>2</sub>	-
	Fe <sub>2</sub> O <sub>3</sub>	<1.0%
	Na <sub>2</sub> O-K <sub>2</sub> O	≤0.5%

#### Remarks

1. The data above are typical values only, and should not be used for specifications purpose.
2. The products should be stored at room temperature, kept away from wet and heat source.
3. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

