

Our “bonding” GRP with a 0,05mm EAA thermoplastic hot melt coating thickness suitable for PE extrusion or direct insertion into your “micro-modules” cables outdoors => monthly capacity 15 000km

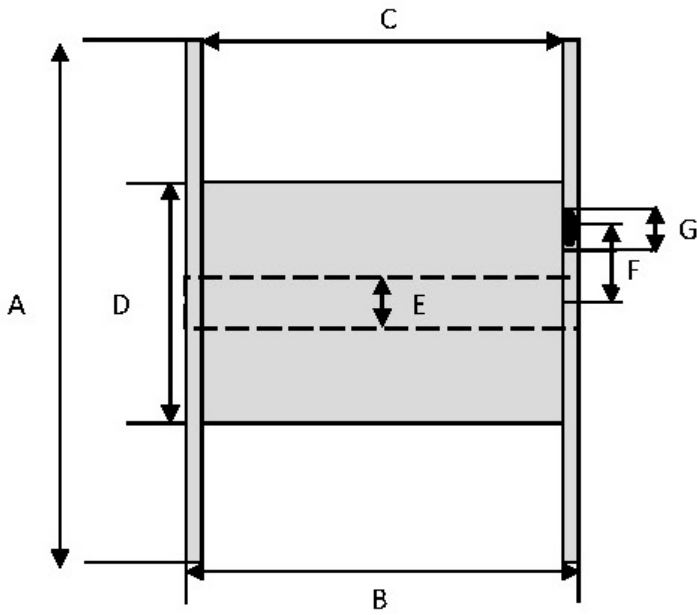
 MATERIAL SAFETY DATA SHEET

 ISO 9001 CERTIFICATE

## EAA Coated GRP Rods (0,4~4,0mm) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	-
Diameter Tolerance	mm	dia. $\pm$ 0.05	Micrometer
EAA coating Thickness	mm	$0.05 \pm 0.02$	Micrometer
Specific Gravity	$g/mm^2$	2.0 ~ 2.2	ASTM D 792
Tensile Strength	$Kg/mm^2$	Min. 130	ASTM D 3916
Tensile Modulus	$Kg/mm^2$	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 2.5	ASTM D 3916
Flexural Strength	$Kg/mm^2$	Min. 140	ASTM D 790
Flexural Modulus	$Kg/mm^2$	Min. 5000	ASTM D 790
Coef. of Thermal Expansion	$1/^\circ C$	Nom. $7 \cdot 10^{-6}$	-
Minimum Bending Radius	mm	25 X Dia	-
Glass Content	%	Min. 80	-

# Drum Dimensions



(mm)

GRP DIAMETER	A	B	C	D	E	F	G	LENGTH
0.4~0.8	500	316	250	320	57	85	53	50 Km
0.9~1.2	650	455	401	300	80	130	40	50 km
1.3~1.7	800	560	494	400	80	160	40	50 km
1.8~2.0	900	560	494	400	80	160	40	50 km
2.1~2.2	1000	560	480	400	80	160	40	50 km
2.3~4.0	1100	560	480	400	80	160	40	50 km*

\*Length :

GRP Dia 2.7~3.0mm\_37.8 Km

GRP Dia 3.1~3.7mm\_25.6 Km

GRP Dia 3.8~4.0mm\_12.5 Km