



Our mixing “high strength and bending” solution with light weight and low expansion is notably fully suitable with your FTTH cables. Our most common diameters are 0,50 & 1,00mm diameters in two versions : uncoated and EAA coated. Our highest grade raw material to meet your highest standards. => monthly capacity 5 000km

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 [MATERIAL SAFETY DATA SHEET](#)

 [ISO 9001 CERTIFICATE](#)

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## ARP 0,5 mm (+ EAA coating) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	-
ARP Diameter Tolerance	mm	$0.5 \pm 0.03$	Micrometer
( EAA Coating Tolerance	mm	$0.55 \pm 0.02$	Micrometer )
Specific Gravity	$\text{g/mm}^2$	1.0 ~ 1.3	ASTM D 792
Tensile Strength	$\text{Kg/mm}^2$	Min. 200	ASTM D 3916
Tensile Modulus	$\text{Kg/mm}^2$	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 3.5	ASTM D 3916

ITEM	UNIT	SPECIFICATION	TEST METHOD
Coef. of Thermal Expansion	/°C	Nom. $7 \times 10^{-6}$	-
Minimum Bending Radius	mm	25 X Dia	-

## ARP 1,0 mm (+ EAA coating) Characteristics

ITEM	UNIT	SPECIFICATION	TEST METHOD
Appearance	Shall be Good	Good	-
ARP Diameter Tolerance	mm	$1.0 \pm 0.03$	Micrometer
( EAA Coating Tolerance	mm	$1.1 \pm 0.02$	Micrometer )
Specific Gravity	g/mm <sup>2</sup>	1.0 ~ 1.3	ASTM D 792
Tensile Strength	Kg/mm <sup>2</sup>	Min. 200	ASTM D 3916
Tensile Modulus	Kg/mm <sup>2</sup>	Min. 5000	ASTM D 3916
Elongation at Break	%	Min 3.5	ASTM D 3916
Coef. of Thermal Expansion	/°C	Nom. $7 \times 10^{-6}$	-
Minimum Bending Radius	mm	25 X Dia	-