

TECHNICAL DATA FINITEXT® AEG 109

Trade Name: FINITEXT®

Type: Texturized Filament Aramid – Glass Yarn For Braided Packings

Raw material: Twaron®, Kevlar®, E-glass roving

Properties		Range	Testmethod
Yarn count	<i>tex</i>	1600	F.I. 1883
Breaking force	<i>N</i>	125±7%	F.I. 1818
Elongation at break	<i>%</i>	3,5	F.I. 1818
Twist	-	-	
PTFE Content ⁽¹⁾	<i>%</i>	-	PPT 72
Silicone Oil Content ⁽¹⁾	<i>%</i>	-	PPT 72
Paraffine oil	<i>%</i>	-	PU03
Graphite		-	
Shrinking 450 °C		2	
Mass loss,%		2.5	
Toxicity		no	

Application: For working on diagonal or regular braiding machines for braided packings with High Performance Properties. The packings braided from this yarn obtain the following features:

- excellent sealing properties
- low friction coefficient
- low contact temperature
- rapid heat extraction from the contact surface
- excellent handling at low costs
- decreasing of the leakages

It is recommended that the shafts of the pumps which are working in contact with packings made from filament aramid yarns to be with enhanced rigidity 55 – 60 HRC.

Increased smoothness and rigidity of the shaft extend the lifetime of the packings and improve the sealing.

Because of its excellent thermo - resistance and high insulation ability, it is recommended for the production of cloths, ropes, cords and etc with low density and good thermo and electro resistance. It is recommended as a substitute of asbestos materials.

Health Hazard Information: Such are not being ascertained. When working with the material, it is recommended to use masks and suitable working cloths.