

TECHNICAL DATA *FINITEXT*[®] AA 120 F

Trade Name: *FINITEXT*[®]

Type: *Impregnated Filament Aramid Yarn For Braided Packings*

Raw material: *Twaron*[®], *Kevlar*[®]

<i>Properties</i>		<i>Range</i>	<i>Testmethod</i>
<i>Yarn count</i>	<i>tex</i>	685-4500	<i>F.I. 1883</i>
<i>Breaking force</i>	<i>N</i>	670±7%	<i>F.I. 1818</i>
<i>Elongation at break</i>	<i>%</i>	3,5	<i>F.I. 1818</i>
<i>Twist</i>	-	-	
<i>PTFE Content</i> ⁽¹⁾	<i>%</i>	30.5±2%	<i>PPT 72</i>
<i>Silicone Oil Content</i> ⁽¹⁾	<i>%</i>	16	<i>PPT 72</i>
<i>Paraffine oil</i>	<i>%</i>	-	<i>PU03</i>
<i>Graphite</i>			
<i>Shrinking 280 °C</i>		0	
<i>Mass loss, %</i>		8	
<i>Toxicity</i>		no	
<i>(1) – related to the weight</i>			
<i>(2) – on requested</i>			

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.

Health Hazard Information: *Such are not being ascertained. Not harmful in any way.*