

Description of end product: Aluminum-scandium ligature



Aluminum-scandium ligatures (AlSc2 (A)) (samples are obtained at laboratory plant. Scandium fluoride obtained at OPU was used)



Aluminum-scandium ligature fully complies with requirements of further production:

- Airspace industry;
- Machinery;
- Sports equipment production.

	Mass fraction, %
Scandium (Sc)	2,3-1,7
Aluminium (Al)	97,35-97,95
Impurities, including	0,35
<i>Silicium (Si)</i>	0,05
<i>Ferrum (Fe)</i>	0,05
<i>Cuprum (Cu)</i>	0,01
<i>Manganese (Mn)</i>	0,01
<i>Magnesium (Mg)</i>	0,10
<i>Fluorine (F)</i>	0,01
<i>Calcium (Ca)</i>	0,01
<i>Rear-earth metal oxides (REM)</i>	0,01
<i>Other</i>	0,10

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