

Strontium Perchlorate

Strontium Perchlorate is produced by various process operations like Crystallization of Sodium perchlorate (SPC) crystals, Production of Perchloric Acid, Purification of Perchloric Acid, Production of Strontium Perchlorate and Concentration of Strontium Perchlorate solution.

Properties

Purity as Strontium perchlorate (w/w) :	68 ± 3%
Colour and appearance :	Clear straw coloured
Specific gravity at 28 oC :	1.90 ± 0.01
Viscosity at 28 oC :	12 ± 3 centi poise
Acid value (mg of KOH/ g) :	0.6 (max)
pH of 10% Solution :	4.5 - 6.0
Chlorate as ClO ₃ ⁻ :	0.25%
Chloride as Cl ⁻ :	0.1%
Suspended matter :	Nil

Applications

Secondary injection thrust vector control in launch vehicles