2. With a cross-section area less than 0.28 x 10 ⁻⁴ mm ²	e. Autogenous ignition temperature is determined using the
(6 micrometre in diameter for circular filaments); 1013. 5. b. "Superconductive" "composite" conductors consisting of	method described in ASTM E-659 or national equivalents. 1013. 7. Ceramic base materials, non-"composite" ceramic materials,
one or more "superconductive" filaments other than	ceramic-"matrix" "composite" materials and precursor mate-
niobium-titanium:	rials, as follows:
1. With a "critical temperature" at zero magnetic	a. Base materials of single or complex borides of titanium
induction exceeding 9.85 K (-263.31°C) but less than	having total metallic impurities, excluding intentional
24 K(-249.16°C); 2. With a cross-section area less than $0.28 \times 10^{-4} \text{ mm}^2$;	additions, of less than 5,000 ppm, an average particle size equal to or less than 5 micrometre and no more than 10%
and	of the particles larger than 10 micrometre;
3. Which remain in the "superconductive" state at a	b. Non-"composite" ceramic materials in crude or semi-fab-
temperature of 4.2 K (-268.96°C) when exposed to a	ricated form, except abrasives, composed of borides of
magnetic field corresponding to a magnetic induction	titanium with a density of 98% or more of the theoretical
of 12 T;	density; 1012 7 a Commis commonite" motoriale with a class of
1013. 6. Fluids and lubricating materials, as follows:a. Hydraulic fluids containing, as their principal ingredients,	1013. 7. c. Ceramic-ceramic "composite" materials with a glass or oxide-"matrix" and reinforced with fibres from any of the
any of the following compounds or materials:	following systems:
1. Synthetic hydrocarbon oils or silahydrocarbon oils	1. Si-N;
with:	2. Si-C;
NOTE:	3. Si-Al-O-N; or
For the purpose of 1013.6.a.1., silahydrocarbon oils	4. Si-O-N;d. Ceramic-ceramic "composite" materials, with or without
contain exclusively silicon, hydrogen and carbon. a. A flash point exceeding 477 K (204°C);	a continuous metallic phase, containing finely dispersed
b. A pour point at 239 K (-34°C) or less;	particles or phases of any fibrous or whisker-like material,
c. A viscosity index of 75 or more; and	where carbides or nitrides of silicon, zirconium or boron
d. A thermal stability at 616 K (343°C); or	form the "matrix";
2. Chlorofluorocarbons with:	e. Precursor materials (i.e., special purpose polymeric or
NOTE:	metallo-organic materials) for producing any phase or phases of the materials embargoed by 1013.7.c., as
For the purpose of 1013.6.a.2., chlorofluorocarbons contain exclusively carbon, fluorine and chlorine.	follows:
a. No flash point;	1. Polydiorganosilanes (for producing silicon carbide);
b. An autogenous ignition temperature exceeding	2. Polysilazanes (for producing silicon nitride);
977 K (704°C);	3. Polycarbosilazanes (for producing ceramics with
c. A pour point at 219 K (-54°C) or less;	silicon, carbon and nitrogen components);
d. A viscosity index of 80 or more; and	1013. 8. Non-fluorinated polymeric substances, as follows: a. 1. Bismaleimides;
e. A boiling point at 473 K (200°C) or higher;	2. Aromatic polyamide-imides;
1013. 6. b. Lubricating materials containing, as their principal ingredients, any of the following compounds or materials:	3. Aromatic polyimides;
1. Phenylene or alkylphenylene ethers or thio-ethers, or	4. Aromatic polyetherimides having a glass transition
their mixtures, containing more than two ether or	temperature (Tg) exceeding 503 K (230°C) as
thio-ether functions or mixtures thereof; or	measured by the wet method;
2. Fluorinated silicone fluids with a kinematic viscosity	NOTE: 1013.8.a. does not embargo non-fusible compression
of less than 5,000 mm ⁴ /s (5,000 centistokes) measured at 298 K (25°C);	moulding powders or moulded forms.
1013. 6. c. Damping or flotation fluids with a purity exceeding	1013. 8. b. Thermoplastic liquid crystal copolymers having a heat
99.8%, containing less than 25 particles of 200	distortion temperature exceeding 523 K (250°C) mea-
micrometre or larger in size per 100 ml and made from	sured according to ASTM D-648, method A, or national
at least 85% of any of the following compounds or	equivalents, with a load of 1.82 N/mm ² and composed
materials: 1. Dibromotetrafluoroethane;	of: 1. Either of the following:
 Disconcertained occurate, Polychlorotrifluoroethylene (oily and waxy modifica- 	a. Phenylene, biphenylene or naphthalene; or
tions only); or	b. Methyl, tertiary-butyl or phenyl substituted phe-
3. Polybromotrifluoroethylene;	nylene, biphenylene or naphthalene; and
1013. 6. Technical Note:	2. Any of the following acids:
For the purpose of 1013.6.:	a. Terephthalic acid;
a. Flash point is determined using the Cleveland Open Cup	 b. 6-hydroxy-2 naphthoic acid; or c. 4-hydroxybenzoic acid;
Method described in ASTM D-92 or national equivalents. b. Pour point is determined using the method described in	c. Polyarylene ether ketones, as follows:
ASTM D-97 or national equivalents.	1. Polyether ether ketone (PEEK);
c. Viscosity index is determined using the method described	2. Polyether ketone ketone (PEKK);
in ASTM D-2270 or national equivalents.	3. Polyether ketone (PEK);
d. Thermal stability is determined by the following test	4. Polyether ketone ether ketone (PEKEKK);
procedure or national equivalents:	1013. 8. d. Polyarylene ketones; e. Polyarylene sulphides, where the arylene group is
Twenty ml of the fluid under test is placed in a 46 ml type 317 stainless steel chamber containing one each of	biphenylene, triphenylene or combinations thereof;
12.5 mm (nominal) diameter balls of M-10 tool steel,	f. Polybiphenylenethersulphone;
52100 steel and naval bronze (60% Cu, 39% Zn, 0.75%	1013. 9. Unprocessed fluorinated compounds, as follows:
Sn).	a. Copolymers of vinylidene fluoride having 75% or
The chamber is purged with nitrogen, sealed at atmospheric pressure and the temperature raised to and	more beta crystalline structure without stretching;
maintained at 644 ± 6 K $(371 \pm 6^{\circ}C)$ for six hours.	b. Fluorinated polyimides containing 30% or more of combined fluorine;
The specimen will be considered thermally stable if, on	c. Fluorinated phosphazene elastomers containing 30%
completion of the above procedure, all of the following	or more of combined fluorine;
conditions are met:	1013. 10. "Fibrous and filamentary materials" which may be used in
1. The loss in weight of each ball is less than 10 mg/mm ²	organic "matrix", metallic "matrix" or carbon "matrix""com-
of ball surface; 2. The change in original viscosity as determined at	posite" structures or laminates, as follows:
311 K (38°C) is less than 25%; and	a. Organic "fibrous or filamentary materials" (except polyethylene) with:
3. The total acid or base number is less than 0.40.	1. A specific modulus exceeding 12.7×10^6 m; and
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