

**MATERIALS**

Used for manufacturing of mechanical seals

**1. Face materials****1.1 Carbons**

Carbon impregnated by resin	G1
Carbon impregnated by antimony	G2
Carbon impregnated by Babbitt	G3
Carbon with carbon fibers	G4

**1.2 Plastics**

PTFE - Pure Teflon	P1
PTFE - Teflon filled with graphite	P2
PTFE - Teflon filled with glass plastics	P3
PTFE - Teflon filled with Sulfate of Mo	P4

**1.3 Metals**

Chromium-Nickel cast iron	T1
Chromium-Nickel steel	T2
Carbon-Tool steel	T3
Chromium-Carbon steel	T4

**1.4 Carbides**

Tungsten Carbide TKb	K1
Silicon Carbide	K2
Stelit	K3
Titanium carbide	K4

**1.5 Оксиды**

Ceramic -Aluminum Oxide	A1
-------------------------	----

**2. Secondary seals materials**

NBR - Perburan	P	FPM - Viton	V
EPDM - Butylcaoutchouc	B	PTFE - Teflon	T
Silicone rubber	S	Butadiene styrol rubber	U
Polyurethane	A	Teflon encapsulated Viton	VT

**3. Metal parts materials**

Chromium-Nickel cast iron	M1	Chromium Cadmium Steel	M5
Steel:		Chromium Manganese Steel	M6
1.4541	M2	4X13	M7
1.4571	M3	Titanium	M8
1.4539	M4	Aluminum	M9