

6. VUKUR - potting materials



CABLES



IMPREGNANTS



WIRES



RESEARCH

Charakteristics:

Polyurethane casting substances are suitable for filling of voids of every type, especially at construction of electrical devices, where casting resins without internal tension with good elastic and electric insulating properties are required

potting materials

Table:

Product	Hardener	Viscosity [mPa.s]	Flash Point °C	Mixing with hardener	Curing time at 23 °C (h)	Hardiness after cure	Properties
VUKUR OM 22F	VUKIT M	400 - 500	>200	100 : 39	min. 24	< A70	low viscosity
VUKUR OM 22	VUKIT M	900 - 1000	>200	100 : 37	min. 24	A70	excellent resistance to radiation, moisture, meets the requirements for fire resistance cable bushings for use in nuclear power plants
VUKUR OM 22H	VUKIT M	1000 - 1300	>200	100 : 35	min. 24	A71	excellent resistance to moisture
VUKUR OM 33	VUKIT M	4000 - 5000	>200	100 : 19,6	min. 24	A87	higher viscosity and hardness
VUKUR OM 33n	VUKIT M	3000 - 3500	>200	100 : 23	min. 16	A87	short time of curing, contains flame retardant
VUKUR OM 33u	VUKIT M	4000 - 5000	>200	100 : 19,6	min. 12	A87	high viscosity, short time of curing
VUKUR OM 33nc	VUKIT M	3000 - 3800	>200	100 : 23	min. 16	A87	short time of curing, contains flame retardant, black color,
VUKUR OM 33ncu	VUKIT M	2500 - 3800	>200	100 : 23	min. 12	A87	short time of curing, contains flame retardant, black color
VUKUR OM 34	VUKIT M	8500 - 10 500	>200	100 : 14	min. 16	A94	very high viscosity , high hardness

