POOLKEMIE

Liquid Rubbers & Resins
Chemicals for Industry & Artworks

EPOXY RESINS TABLE
POURING PRE-FILLED

NAME	RETICULATION			PHYSICAL PROPERTIES		TECHNICAL PROPERTIES			APPLICATIVE SECTOR
	Hardener	CAT. WEIGHT (%)	Pot life (min.)	Colour A+B	Viscosity A+B (CpS)	Max Thickness (mm.)	Vitreous transmission (Tg °C)	TENSILE STRENGHT (N/mm2)	
KEMIEPOX CM641	EH 430 EH 431 EH 32	100:8 100:8 100:5	160 - 180 20 - 35 70 - 90	Dark Grey	38 - 43.000 40 - 45.000 38 - 43.000	25 10 - 15 10	138 - 142 126 - 130 86 - 88	42 - 47 35 - 40 40 - 45	Pre-filled with metallic inert materials, high hardness, tool workable, excellent thermic resistance and conductivity, low thermal expansion. Thermoresistant moulds where it is required tool workable and excellent thermic conductivity.
KEMIEPOX MC 183 blue	EH 183/m	100:12	25 - 45 (200 ml)	Blue	35 -40.000	20 - 25	75 - 80	40 - 45	Filled with abrasive inert materials, quite fluid, free from solvents, , excellent electrical and mechanical properties. Applicable by pouring (also vacuum) or by impregnation. Inglobamento of transformers, insulation of electrical equipments.
KEMIEPOX EL	EH 470	100:15	60	Black	15 -20.000	20 - 25	55 - 60	32	Filled with abrasive inert materials. Hard, strong, excellent machanical and thermic properties. Not tool workable. Used for foundry models, moulds for stretchforming. Applicable by simple pouring or by cavity pouring.
KEMIEPOX REC 116	EH611	100:15,5	90 - 120	Yellow	10 -12.000	15	72 - 77	23 - 28	Black, excellent chemical, mechanical and electric resistance, suitable for the production of foundry model and matrices, insulation of electric and acustic equipments to avoid the dispersion of sound. Can be applied also for high thickness.
KEMIEPOX CM290	EH 032 (standard)	100:13	30 - 45	-	1800-3000	15 - 20	48 - 55	22 - 30	Pouring pre-filled with abrasive materials epoxy system. Used for PU foams flexible and rigid (imitation wood). Moulds also large size.

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