

Vacuum casting resins polyurethane (variety)

status 2009 / 06

material	units	MCP SG 95	MCP 7500	MCP 8051	AXSON PX 205	AXSON PX 212	AXSON PX 522	AXSON PX 245	ebalta MG 805	ebalta MG 410
hardness	Shore	82	85	84	70	76	87	85	80	76
flexural modulus of elasticity	MPa	2195	2615	1965	500	1200	2100	4500	1930	2450
tensile strength	MPa	54	70	55,9	25	40	75	85	67	40
tensile E-modulus	MPa	2521	3300	2150	530	n.s.	2700	4600	n.s.	n.s.
elongation at break	%	12	9	8	100	25	9	3	10,5	3
hat distorsion temperature	°C	72	80-120	92	55	78	100	95	120	200
base color mixture		transparent	transparent	white	gray	translucent	transparent	light gray	black	ivory
like		ABS	ABS	ABS	HDPE	PP/HDPE	PMMA/PC	POM/PA	ABS	ABS
comment			ultraviolet resistance		suited for integral hinge					

In this data expression approximate values are stated. These values are influenceable by component geometry, material additions and surroundings influence. They are assembled on account of the present experiences and knowledge. A juridically obliging assurance of certain qualities or the suitability for a concrete purpose cannot be derived from our specifications.

get the current data sheet under: <http://www.aprocas.de/en/download/aprocas-DS-vacuum-casting.pdf>

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