

KömaLite®

Sample	Processing. kz	Test	Din No.	Unit	Test Value	Note
1	32	Density	DIN 53420	g/cm3	.5	1275 g/1220 x 711 x 2.96
1	32	Tension E-module - 1 mm/min longitudinal	ISO 527-2/1 A/1	MPa	790	
1	32	Tension E-module SA - 1 mm/min longitudinal			21.9	
1	32	Tensile strength - 50 mm/min longitudinal	ISO 527-2/1A/50	MPa	13	
1	32	Tensile strength SA - 50 mm/min longitudinal			.174	
1	32	Elongation at break - 50 mm/min longitudinal	ISO 527-2/1 A/50	%	16.7	
1	32	Elongation at break SA - 50 mm/min longitudinal			5.5	
1	32	Tension E-module - 1 mm/min crosswise	ISO 527-2/1 A/1	MPa	196	
1	32	Tension E-module SA - 1 mm/min crosswise			4.99	
1	32	Tensile strength - 50 mm/min crosswise	ISO 527-2/1 A/50	MPa	4.46	
1	32	Tensile strength SA - 50 mm/min crosswise			.04	
1	32	Elongation at break - 50 mm/min crosswise	ISO 527-2/1 A/50	%	16.1	
1	32	Elongation at break SA - 50 mm/min. crosswise			1	
1	32	Bending E-module longitudinal	ISO 178	MPa	994	
1	32	Bending E-module SA longitudinal			25	
1	32	Bending strength longitudinal	ISO 178	MPa	24.87	
1	32	Bending strength SA longitudinal			.55	
1	32	Bending E-module crosswise	ISO 178	MPa	207	
1	32	Bending E-module SA crosswise			13	
1	32	Bending strength crosswise	ISO 178	MPa	5.55	
1	32	Bending strength SA crosswise			.25	
1	32	SZ left (longitudinal)	Based on ISO 179	kJ/m2	11.37	
1	32	SZ left SA (longitudinal)			1.73	

1	32	SZ middle (longitudinal)	Based on ISO 179	kJ/m2	11.23	
1	32	SZ middle SA (longitudinal)			1.4	
1	32	SZ right (longitudinal)	Based on ISO 179	kJ/m2	9.3	
1	32	SZ right SA (longitudinal)			.78	
1	32	SZ left (crosswise)	Based on ISO 179	kJ/m2	2.54	
1	32	SZ left SA (crosswise)			.36	
1	32	SZ middle (crosswise)	Based on ISO 179	kJ/m2	2.54	
1	32	SZ middle SA (crosswise)			.19	
1	32	SZ right (crosswise)	Based on ISO 179	kJ/m2	2.45	
1	32	SZ right SA (crosswise)			.38	
1	32	Ball impression hardness top left	ISO 2039-1	MPa	4	
1	32	Ball impression hardness top left SA			.1	
1	32	Ball impression hardness top middle	ISO 2039-1	MPa	4.1	
1	32	Ball impression hardness top middle SA			.1	
1	32	Ball impression hardness top right	ISO 2039-1	MPa	4	
1	32	Ball impression hardness top right SA			.1	
1	32	Ball impression hardness bottom left	ISO 2039-1	MPa	4.2	
1	32	Ball impression hardness bottom left SA			.1	
1	32	Ball impression hardness bottom middle	ISO 2039-1	MPa	4.3	
1	32	Ball impression hardness bottom middle SA			0	
1	32	Ball impression hardness bottom right	ISO 2039-1	MPa	4.2	
1	32	Ball impression hardness bottom right SA			.1	
1	32	Surface Tension ST cleaned	DIN 53364	mN/m	38	
1	32	Surface Tension ST unclean	DIN 53364	mN/m	34	
1	32	Surface Tension US cleaned	DIN 53364	mN/m	38	
1	32	Surface Tension US unclean	DIN 53364	mN/m	34	
1	32	Contraction left/left	DIN 16927	%	4.15	
1	32	Contraction left/right	DIN 16927	%	4.43	
1	32	Contraction middle/left	DIN 16927	%	4.89	
1	32	Contraction middle/right	DIN 16927	%	4.88	
1	32	Contraction right/left	DIN 16927	%	4.01	
1	32	Contraction right/right	DIN 16927	%	4.1	
1	32	VicatA/50	ISO 306	°C	69.3	69.3 - 69.2 - 69.5
1	32	Shore Hardness	DIN 53505		36.5	35.5 - 37.9 - 36.7 - 37.9 - 34.7

The information contained here is supplied in good faith and represents values obtained through empirical observation and as indicated by our own experience. The figures given are to be understood as reference figures and may vary according to processing methods and environmental conditions. This information shall not be construed to be legally binding. In particular, it shall not exempt the purchaser from taking responsibility for testing the product supplied so as to determine its suitability for the intended application. Consequently, this information shall not constitute an independent contractual relationship nor a warranty of the properties indicated. In the event, however, that liability should be at issue, it shall be precluded insofar as premeditation or gross negligence cannot be substantiated.