

Product information
Characteristic values
ASMAPRENE C-Series



Property	Test specification	Units	Asmaprene C						
			50	60	70	80	90	92	95
Hardness, Shore A/D	ISO 868	Shore A							
		Shore D				32	41	45	50
Tensile strength	ISO 37	N/mm ²	18	27	33	41	43	52	55
Modulus 100%	ISO 37	N/mm ²	1,1	2,0	3,1	5,2	8,3	9,4	14
Modulus 300%	ISO 37	N/mm ²	2,8	3,7	6,4	11	17	19	25
Elongation	ISO 37	%	660	580	540	520	500	490	440
Tear strength (with nick)	DIN 53515	N/mm	29	32	37	45	56	63	77
Abrasion loss	ISO 4649-A	mm ³	65	47	40	30	26	33	36
Resilience	ISO 4662	%	73	70	68	66	62	53	51
Compression set 70h/23°C 24h/70°C	ISO 815	%							
			12	11	12	14	17	19	20
Specific gravity		g/cm ³	1,16	1,16	1,16	1,16	1,16	1,16	1,16

In this technical datasheet approximate values are indicated. These values are influenceable by processing conditions, modifications, material additives and environmental influences and do not free the user from own examinations and attempts. The values are arranged due to the present experiences and knowledge. A legally obligatory warranty of certain characteristics or the suitability for a concrete targeted application cannot be derived from these data.