



# Technical Data Sheet PU

## Yazd Polymer

Ultralan	Code	62060	62065	62070	62080	62090	62095	Unit
<b>Original Properties</b>	Durometer hardness	61	66	70	80	90	95	Sh A
	Density	1.23	1.23	1.23	1.24	1.25	1.25	gr/cm <sup>3</sup>
	Ultimate elongation	600	680	680	650	650	600	%
	Tensile strength	300	380	400	450	450	450	Kg/cm <sup>2</sup>
	Tear resistance	75	100	105	125	130	130	Kg/cm <sup>2</sup>
	Resilience	50	55	52	45	45	45	%
	Compression set (room temp.) (B meth, after 22h at 70 °C)	25	32	34	35	35	35	%
<b>Ageing in Air (70 h. at 100 °C)</b>	Change in Durometer hardness	-3	-4	-5	-3	-1	0	Sh A
	Change in Ultimate elongation	+7	+8	+11	+9	0	0	%
	Change in Tensile strength	-6	+9	+7	+13	0	0	%
<b>Immersion in ASTM-oil No.3 (70 h. at 100 °C)</b>	Change in Durometer hardness	-7	-8	-7	-3	+1	0	Sh A
	Change in Ultimate elongation	+8	+16	+23	-6	0	0	%
	Change in Tensile strength	+8	0	+5	+10	0	0	%
	Change in volume	+1	+1	+0.5	+2	+1.5	+1	%
<b>Immersion in ASTM-oil No.5 (70 h. at 100 °C)</b>	Change in Durometer hardness	-7	-8	-6	-3	+1	0	Sh A
	Change in Ultimate elongation	+7	+9	+7	-3	0	0	%
	Change in Tensile strength	-20	-10	-10	-6	0	0	%
	Change in volume	0	-3	0	0	0	0	%