



TYPICAL PROPERTIES	TEST STANDARD	UNITS S.I.	3135	3140	3150	3160	3170	3180	3190	3139D	3145D
<b>DENSITY</b>	ISO 1183	kg/m <sup>3</sup>	930	930	950	950	950	950	940	940	940
<b>HARDNESS (5 SEC DELAY)</b>		Shore									
Extruded sample	ISO 868	A	38A	41A	54A	62A	71A	80A	89A	38D	47D
Injection molded sample		or D	43A	46A	56A	65A	75A	84A	92A	41D	50D
<b>TENSILE PROPERTIES</b>											
<b>Flow direction</b>											
Tensile strength at break	ISO 37	MPa	2.2	2.5	4.1	5.4	6.7	8.5	12.1	17.4	19.4
Modulus at 100% elongation		MPa	2.1	2.5	3.0	3.8	5.1	6.7	10.0	13.3	15.5
Elongation at break		%	200	210	240	270	300	330	380	400	400
<b>Cross flow direction</b>											
Tensile strength at break		MPa	4.0	4.4	5.1	6.3	7.7	9.4	13.5	18.5	22.5
Modulus at 100% elongation		MPa	1.1	1.2	1.9	2.5	3.3	4.5	6.6	8.9	12.8
Elongation at break		%	600	600	600	640	670	690	700	700	700
<b>TEAR STRENGTH</b>											
<b>Cross flow direction</b>	ISO 34B										
Unnicked angle		kN/m	15	16	24	32	42	51	81	101	131
<b>COMPRESSION SET</b>											
22 hrs @ 23°C	ISO 815	%	15	18	20	23	25	32	48	53	57
22 hrs @ 70°C		%	30	31	32	34	43	50	61	67	70
70 hrs @ 125°C		%	52	52	52	55	63	65	75	85	90
<b>HOT AIR AGING</b>											
<b>Cross flow direction</b>											
<b>168 hrs @ 150°C</b>	ISO 188										
Change in hardness		pts	1	1	2	3	3	2	2	1	2
Change in tensile strength at break		%	4	11	7	-1	-4	-8	-5	-7	-5
Change in modulus at 100% elongation		%	11	6	5	7	5	9	11	11	8
Change in elongation at break		%	1	7	8	-11	-14	-16	-12	-11	-11
<b>1000 hrs @ 135°C</b>											
Change in hardness		pts	-1	-1	1	2	-1	0	-1	0	1
Change in tensile strength at break		%	0	12	-6	-4	-8	-9	-10	-5	2
Change in modulus at 100% elongation		%	4	5	7	3	10	17	9	9	16
Change in elongation at break		%	-2	12	-7	-5	-13	-15	-15	-10	-11
<b>VOLUME SWELL</b>											
70 hrs @ 125°C in IRM 903 oil	ISO 1817	%	150	135	130	120	115	95	73	55	52
<b>APPARENT SHEAR VISCOSITY</b>											
@ 206 1/s, 200°C	ISO 11443 Capillary	Pa.s	270	270	270	310	290	290	310	310	310

**FEATURES**

- Well-balanced flow characteristics for a superior surface appearance
- Available from 35 Shore A to 45 Shore D, in black and natural
- Excellent melt elasticity
- Partially cross-linked
- Versatile, can be processed by injection or blow molding and extrusion

**TRANSPORTATION SEGMENTS**

- Sealing Systems
- Exterior
- Interior
- Under the Hood

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