



TYPICAL PROPERTIES	TEST STANDARD	UNITS S.I.	4750B42	4755B42	4765B40	4765B42	4775B40	4775B42	4785B40
<b>DENSITY</b>	ISO 1183	kg/m <sup>3</sup>	910	910	910	910	910	910	910
<b>HARDNESS (5 SEC DELAY)</b>		Shore							
Extruded Sample	ISO 868	A	50A	54A	62A	62A	74A	74A	84A
Injection molded sample		or D	53A	56A	65A	65A	76A	76A	86A
<b>TENSILE PROPERTIES</b>									
<b>Flow direction</b>									
Tensile strength at break	ISO 37	MPa	3.9	4.3	5.0	4.9	6.0	5.8	8.9
Modulus at 100% elongation		MPa	2.2	2.7	3.0	2.9	3.5	3.4	5.5
Elongation at break		%	320	390	360	340	410	410	450
<b>Cross flow direction</b>									
Tensile strength at break	ISO 37	MPa	4.2	5.0	5.6	5.1	6.6	6.3	9.5
Modulus at 100% elongation		MPa	1.5	1.8	2.4	2.3	3.1	3.2	4.8
Elongation at break		%	440	500	490	400	490	470	540
<b>TEAR STRENGTH</b>									
<b>Cross flow direction</b>									
Unnicked angle	ISO 34B	kN/m	16	19	26	25	33	31	40
<b>COMPRESSION SET</b>									
22 hrs @ 23°C	ISO 815	%	15	19	20	23	24	24	32
22 hrs @ 70°C		%	26	28	26	32	36	39	44
70 hrs @ 125°C		%	40	43	45	48	52	56	72
<b>HOT AIR AGING</b>									
<b>Cross flow direction</b>									
<b>168 hrs @ 150°C</b>									
Change in hardness	ISO 188	pts	-1	-2	0	1	1	1	3
Change in tensile strength at break		%	-20	-6	-18	-20	-22	-19	-10
Change in modulus at 100% elongation		%	-7	-1	-2	0	2	2	7
Change in elongation at break		%	-13	-2	-17	-24	-29	-24	-18
<b>1000 hrs @ 135°C</b>									
Change in hardness		pts	2	2	2	1	3	-2	1
Change in tensile strength at break	ISO 188	%	-11	-2	-12	-18	-12	-18	-4
Change in modulus at 100% elongation		%	-1	7	2	1	5	3	9
Change in elongation at break		%	-1	-4	-13	-22	-16	-28	-14
<b>VOLUME SWELL</b>									
70 hrs @ 125°C in IRM 903 oil	ISO 1817	%	85	90	84	84	74	73	65
<b>APPARENT SHEAR VISCOSITY</b>									
@ 206 1/s, 200°C	ISO 11443 Capillary	Pa.s	220	220	230	210	220	200	190

**FEATURES**

- High flow properties ensure that even hard to fill parts mold with ease
- Excellent UV resistance
- Low fogging
- Fully cured rubber phase for better elasticity and chemical resistance
- Available from 50 to 85 Shore A in black only
- Good surface appearance
- Good aging performance
- Robust formulations allow for a broad processing window
- Fast cycle times and easy mold release versus competitive TPV's

**TRANSPORTATION SEGMENTS**

- Sealing Systems
- Exterior
- Interior
- Under the Hood

Revised April 2018

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