



TYPICAL PROPERTIES	TEST STANDARD	UNITS S.I.	10035B	10060B	10075B
<b>DENSITY</b>	ISO 1183	kg/m <sup>3</sup>	897	920	936
<b>HARDNESS (5 SEC DELAY)</b>					
Extruded Sample	ISO 868	Shore A	34A	58A	73A
Injection molded sample			36A	61A	75A
<b>TENSILE PROPERTIES</b>					
<b>Flow direction</b>					
Tensile strength at break	ISO 37	MPa	2.4	4.4	5.4
Modulus at 100% elongation		MPa	1.36	2.4	3.5
Elongation at break		%	290	300	410
<b>Cross flow direction</b>					
Tensile strength at break		MPa	2.2	4.4	6.1
Modulus at 100% elongation		MPa	0.8	2	2.8
Elongation at break		%	380	370	490
<b>TEAR STRENGTH</b>					
<b>Cross flow direction</b>					
Unnicked angle	ISO 34B	kN/m	11	16.0	30
<b>COMPRESSION SET</b>					
22 hrs @ 23°C		%	12	18	24
22 hrs @ 70°C	ISO 815	%	21	27	34
70 hrs @ 125°C		%	42	45	50
<b>HOT AIR AGING</b>					
<b>Cross flow direction</b>					
<b>168 hrs @ 125°C</b>		pts	-	-	-
Change in hardness	ISO 188	%	-	-	-
Change in tensile strength at break		%	-	-	-
Change in modulus at 100% elongation		%	-	-	-
Change in elongation at break		%	-	-	-
<b>1008 hrs @ 100°C</b>		pts	-	-	-
Change in hardness		%	-	-	-
Change in tensile strength at break	ISO 188	%	-	-	-
Change in modulus at 100% elongation		%	-	-	-
Change in elongation at break		%	-	-	-
<b>VOLUME SWELL</b>					
70 hrs @ 125°C in IRM 903 oil	ISO 1817	%	100	72	70
<b>APPARENT SHEAR VISCOSITY</b>					
@ 206 1/s, 200°C	ISO 11443 Capillary	Pa.s	128	180	190

**FEATURES**

- Engineered for obtaining reduced coefficient of friction against glass or painted steel
- Low fogging and exceptional color retention without blooming
- Excellent UV stability
- Available from 35 to 75 Shore A in black only
- Low hardness grades show good adhesion towards EPDM sponge
- Well-balanced rheological properties for a broad processing window with good melt strength
- Controlled morphology for optimal surface appearance
- Good recovery behavior

**TRANSPORTATION SEGMENTS**

- Sealing Systems

Revised November 2018

**AMERICAS**

505 Central Avenue  
Pawtucket, RI 02861 USA  
401-725-8000 | 800-556-3862

**EUROPE**

Mijnweg 1  
6167AC Geleen, Netherlands  
31(0) 46 7020950

**ASIA**

41 Shipyard Road  
Singapore 028134  
(011) 65-6265-2544



tp@teknorapex.com | www.teknorapex.com

The information and recommendations contained in this bulletin are, to the best of our knowledge, accurate and reliable but no guarantee of their accuracy is made. All products are sold upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes and uses and purchaser assumes all risks and liability for the results of use of the products, including use in accordance with seller's recommendations. Nothing in this bulletin constitutes permission or a recommendation to practice or use any invention covered by any patent owned by this company or by others. There is no warranty of merchantability and there are no other warranties for the products described. For detailed Product Stewardship information, please contact us. Any product of Teknor Apex, including product names, shall not be used or tested in any medical or food contact application without the prior written acknowledgment of Teknor Apex as to the intended use. Please note that some products may not be available in one or more countries. Data contained in this bulletin supercedes all previous versions. © Copyright 2018 Teknor Apex Company. All rights reserved.