



TYPICAL PROPERTIES	TEST STANDARD	UNITS S.I.	17155B	17165B	17175B	17180B
DENSITY	ISO 1183	kg/m ³	930	920	920	913
HARDNESS (5 SEC DELAY)		Shore				
Extruded sample	ISO 868	A	55A	65A	74A	80A
Injection molded sample		or D	57A	67A	76A	82A
TENSILE PROPERTIES						
Flow direction						
Tensile strength at break	ISO 37	MPa	3.5	4.1	5.2	5.5
Modulus at 100% elongation		MPa	2.0	2.1	3.2	3.5
Elongation at break		%	330	380	430	400
Cross flow direction						
Tensile strength at break	ISO 37	MPa	3.7	4.2	5.1	5.4
Modulus at 100% elongation		MPa	1.6	2.1	2.7	3.1
Elongation at break		%	450	450	490	460
TEAR STRENGTH						
Cross flow direction	ISO 34B	kN/m	16	20	25	28
Unnicked angle						
COMPRESSION SET						
22 hrs @ 23°C	ISO 815	%	17	20	26	31
22 hrs @ 70°C		%	23	32	34	43
70 hrs @ 125°C		%	38	44	48	64
HOT AIR AGING						
Cross flow direction						
168 hrs @ 150°C		pts	2	0	1	2
Change in hardness	ISO 188	%	-14	-15	-20	-14
Change in tensile strength at break		%	7	0	3	4
Change in modulus at 100% elongation		%	-16	-20	-25	-27
Change in elongation at break						
1000 hrs @ 135°C		pts	3	2	-	-
Change in hardness	ISO 188	%	-8	-10	-	-
Change tensile strength at break		%	4	5	-	-
Change modulus at 100% elongation		%	-5	-18	-	-
Change elongation at break						
VOLUME SWELL						
70 hrs @ 125°C in IRM 903 oil	ISO 1817	%	106	92	89	89
APPARENT SHEAR VISCOSITY	ISO 11443					
@ 206 1/s, 200°C	Capillary	Pa.s	217	175	175	188

FEATURES

- Super 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 55 Shore A to 80 Shore A in black only
- Excellent surface appearance
- Good aging performance
- Robust formulations allow for a broad processing window
- Fast cycle times and good surface appearance versus competitive TPV's

TRANSPORTATION SEGMENT

- Sealing Systems
- Exterior

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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

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