

TECHNICAL DATA SHEET

Standard (C1115 Type C)	Name	GR60	Spec	GR70	Spec	GR80	Spec	GR90	Spec
ASTM D2240-15 (2021)	Hardness (Shore A)	63	60 ± 5	71	70 ± 5	82	80 ± 5	86	85 ± 5
ASTM D412-16 (2021)	Tensile (PSI)	932	725	1004	725	982	725	1013	725
	Elongation (%)	248%	200%	167%	125%	119%	100%	102%	60%
ASTM D624-00 (2020)	Tear Die B (LBF/in)	117	51	110	51	126	51	146	40
D573-04 (2019) Heat Age 70 Hrs @ 302° F	Tensile Change (%)	-3%	± 15%	0%	± 15%	-8%	± 15%	-9%	± 15%
	Elongation Change (%)	-22%	± 30%	-24%	± 30%	-23%	± 30%	-23%	± 30%
	Hardness Change (pts)	3	± 5	5	± 5	1	± 5	1	± 5
D395-18 Comp Set 22 Hrs @ 212° F	Compression Set (%)	8.6%	15% Max	6.6%	15% Max	7.2%	20% Max	7.3%	25% Max
C1166 Flame Resistance	4 in Max Propagation	Pass		Pass		Pass		Pass	
D1149 Ozone Resistance 100 Hrs @ 158° F (300 mPa)	No Cracking Under 7x Magnification	Pass		Pass		Pass		Pass	
D2137-11 (2018) 3 min @ -40° F	Brittleness	Pass		Pass		Pass		Pass	
ASTM D297-21	Specific Gravity	1.41		1.42		1.45		1.50	