



**Specification Sheet**

<b>Material</b>	<b>M251-06 (2011) Plain Neoprene Elastomer Bridge Bearings</b>
BRP Style	Grade 2 - 50, 60 , 70 Duro and Grade 3 - 50, 60, 70
Finish	Smooth
ASTM Callout	See specification below

**Physical Properties**

Requirement	Condition			
Hardness, Original	ASTM D2240	50 ±5	60 ±5	70 ±5
Tensile, Original	ASTM D412 - MPa / PSI Min	15.5 / 2,248	15.5 / 2,248	15.5 / 2,248
Elongation, Original	ASTM D412 - %	400	350	300

**Heat Resistance, Test Method D 573, 70 h @ 100°C**

Hardness Change	Points	+ 15	+ 15	+ 15
Tensile Change	%	- 15	-15	- 15
Elongation Change	%	- 40	- 40	- 40

**Compression Set, Test Method B ASTM D395 S, max, % 22 h @ 100C**

Compression Set	%	35	35	35
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**Low Temperature Brittleness, Test Method D746 Procedure B**

Grade 0 and 2	No Test Required			
Grade 3	- 40 C°	Pass	Pass	Pass
Grade 4	- 48 C°	Pass	Pass	Pass
Grade 5	- 57 C°	Pass	Pass	Pass

Operating Temperature Range -29° - 100° C