

Tan Para Rubber Sheeting 40° Shore Datasheet

Product Code: RC0303

Product Description

Our Tan Para Rubber Sheeting 40° Shore is a superior, long-life product offering a high abrasion resistance making it perfect for a variety of heavy wear and tear applications. It is produced from naturally forming latex, classed as a 'Para-natural' meaning 'pure-gum' and is designed for chute linings, blade scrapers and shotblast linings and seals.

Technical Specification



Property	Test Method	Values
Product	-	Tan Para Rubber Sheeting
Compound	-	NR
Hardness (Shore A)	ASTM D2240	40° ± 5°
Density	ASTM D297	1.02g/cm ²
Tensile Strength	ASTM D412	150kg/cm ²
Elongation at Break	ASTM D412	600%
Abrasion Resistance	ASTM D5963	120mm ³
Tear Resistance	ASTM D624	35kg/cm
Compression Set (24hrs @ 70°C)	ASTM D395 Method B	30%
Working Temperature Range	-	-25°C to + 70°C
Heat Ageing For (72hrs @ 70°C)	ASTM D573	-
- Hardness (PTS)		+5 (MAX)



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Technical Specification Continued

Property	Test Method	Values
- Tensile Strength		+10% / -25%
- Elongation at Break		+10% / -25%
Volume Swell @ 70°C for 72hrs	ASTM D471	
In IRM Oil No.1	-	Not Recommended
In IRM Oil No.2	-	Not Recommended
In IRM Oil No.3	-	Not Recommended
Ozone	ASTM D1149	Fair
Dilute Acids and Bases	-	Good
Concentrated Acids and Bases	-	Not Recommended
Oils	-	Not Recommended
Solvents	-	Not Recommended

Standard Sizes

Size	Weight [kg/m ²]
1.5mm x 1.4m x 20m	1.53
3mm x 1.4m x 10m	3.06
5mm x 1.4m x 10m	5.10
6mm x 1.4m x 10m	6.12
8mm x 1.4m x 5m	8.16
10mm x 1.4m x 5m	10.20
12mm x 1.4m x 5m	12.24
20mm x 1.4m x 5m	15.53
10mm x 1.4m x 10m	20.40
25mm x 1.4m x 5m	25.50



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Tan Para Rubber Sheeting 45° Shore Datasheet

Product Code: RC0311

Product Description

Our Tan Para Rubber Sheeting 45° Shore is a superior, long-life product offering a high abrasion resistance making it perfect for a variety of heavy wear and tear applications. It is produced from naturally forming latex, classed as a 'Para-natural' meaning 'pure-gum' and is designed for chute linings, blade scrapers and shotblast linings and seals.

Meets ASTM D 2000 M2 AA412A13B13C12G21J1



Technical Specification

Property	Test Method	Values
Product	-	Tan Para Rubber Sheeting
Compound	-	NR
Hardness (Shore A)	ASTM D2240	45° ± 5°
Density	ASTM D297	1.02g/cm ²
Tensile Strength	ASTM D412	100kg/cm ²
Elongation at Break	ASTM D412	400%
Abrasion Resistance	ASTM D5963	150mm ³
Tear Resistance	ASTM D624	25kg/cm
Compression Set (24hrs @ 70°C)	ASTM D395 Method B	35%
Working Temperature Range	-	-25°C to + 70°C
Heat Ageing For (72hrs @ 70°C)	ASTM D573	-
- Hardness (PTS)		+5 (MAX)



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Technical Specification Continued

Property	Test Method	Values
- Tensile Strength		+ 10% / - 20%
- Elongation at Break		+ 10% / - 20%
Volume Swell @ 70°C for 72hrs	ASTM D471	
In IRM Oil No.1	-	Not Recommended
In IRM Oil No.2	-	Not Recommended
In IRM Oil No.3	-	Not Recommended
Ozone	ASTM D1149	Fair
Dilute Acids and Bases	-	Fair
Concentrated Acids and Bases	-	Not Recommended
Oils	-	Not Recommended
Solvents	-	Not Recommended

Standard Sizes

Size	Weight [kg/m ²]
1mm x 1.4m x 10m	± 0.2mm
1.5mm x 1.4m x 10m	± 0.3mm
3mm x 1.4m x 10m	± 0.3mm
4mm x 1.4m x 10m	± 0.4mm
5mm x 1.4m x 10m	± 0.4mm
6mm x 1.4m x 10m	± 0.5mm
8mm x 1.4m x 5m	± 0.7mm
10mm x 1.4m x 5m	± 1mm



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Standard Sizes Continued

Size	Weight [kg/m ²]
15mm x 1.4m x 5m	± 1mm
20mm x 1.4m x 5m	± 1.4mm
25mm x 1.4m x 5m	± 1.75mm

Made To Order Sizes - Subject To Minimum Order Quantities

Properties	Tolerances
0.5mm x 1.4m x 10m	± 0.2mm
32mm x 1m x 1m	-
38mm x 1m x 1m	-
40mm x 1m x 1m	-



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