



Neoprene Rubber Sheetting -White Food Quality

Technical Data Sheet

Description

Neoprene rubber sheetting - white food quality, is an white FDA approved neoprene rubber sheetting for use with food and drink stuffs. Neoprene material for use at higher temperatures for media containing oils, fats and greases. US FDA21 CFR177,2600 - EU1935/2004 Approved and USP Class V1 Compliant.

The component parts used and maximum levels in compound mixtures are in accordance with FDA [Food & Drug Administration – Department of Health and Human Services] part 177 – indirect food additives section 177.2600 – rubber articles for repeated use. This Product is REACH, RoHS, PAH and CE Compliant.

Technical Specification

Specification	Value (Typical)
Material	Neoprene - white food quality
Application	FDA approved, food / drink, general purpose
Colour	Off white
Compound	CR
Density (Specific Gravity)	1.60
Hardness (Shore A)	65° ± 5°
Tensile Strength Kg/cm ² (Polymer):	50
Elongation at Break	250
Minimum Temperature	-30°C
Maximum Temperature	+130°C
Compression Set (70°C for 22 hours) %	-
Polymer Content %	100



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Basic Properties	Value	Test Method	Unit
Base Polymer Type	SBR/CR	-	-
Indentation Hardness	60 Shore A -4 +5	ASTM D2240 00	Degrees
Specific Gravity	1.5 ± 0.05	ASTM D792	g/cm ³
Tensile Strength - Minimum	3	ASTM D412	Mpa
Elongation @ Break - Minimum	250	ASTM D412	%
Minimum Continuous Working Temperature	-20	-	°C
Maximum Continuous Working Temperature	70	-	°C
Maximum Intermittent Working Temperature	90	-	°C
Compression Set 70 Degrees 22 Hours	35 Max	ASTM D395 Method B	%
Insertion Type	Special Order	-	-

Guidelines for Use	
Food Use Suitability	Not Recommended
Abrasion Resistance	Moderate
Ozone Weather Resistance	Moderate
Flame Retardancy	Moderate
Electrical Resistance	Not Recommended
General Purpose	Good