

Mosites 2902

High Temperature Elastomer

- Mosites Rubber Company has developed Mosites 2902, which is used as pressure distribution pads; internal pressure intensifiers; debulking and high temperature vacuum bags, in applications where limited stretch or movement is involved. The compound is reusable after being subjected to 340°C cure cycles. Retention of physical properties, especially tensile and elongation, are very good
- Mosites 2902 is available in cured or uncured calendered sheet form, in various thicknesses up to 6.35mm and widths up to 1.37m. It is also available in a limited number of shaped profiles. Procedures have also been developed for bonding cured sheet to itself and to metal surfaces
- The physical properties shown below were obtained on moulded 2mm thick ASTM samples. They are typical of 2902, but they should not be used to set Quality Control Specification minimum requirements

PHYSICAL PROPERTIES

	Unaged	Aged 16 hrs @ 360°C & 200 psi
• Hardness	75 shore A	72 shore A
• Tensile Strength	2600 psi	800 psi
• Elongation at Break	210%	300%
• Modulus at 100% Elongation	1150 psi	750 psi
• Tear Strength	119 ppi	115 ppi
• Specific Gravity	1.58	1.58
• Compression Set	31%	
	(22 Hours at 176°C)	
• Colour	Black	

AVAILABILITY & PACKAGING

- Thickness (cured and uncured) 0.76mm, 1.52mm, 3.18mm, 4.76mm & 6.35mm
- Width 914mm
Wider widths available to special order

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