



Compound Data Sheet

60 Shore Red Steam Cured

Typical Physical Properties

Polymer Type – Natural Rubber

Shore Hardness (IRHD) – 60±5
ISO 48 - 2010

Tensile Strength (MPa) – 18 Mpa Min
ISO 37 - 2011

Elongation @ Break (%) – 400% Min
ISO 37 - 2011

Specific Gravity – 1.14 ± 0.02
ISO 2781 - 2008

Maximum Operating Temperatures – 70°C
(Not Continuous Use)

Other Parameters

Autoclave curing at 300Kpa for 90 mins.

Adhesion tests should be done on a 200mm x 200mm carbon steel test plate. A strip of 25mm should be cut and pass 9.8Kg of force to be considered a pass. (SANS 1201:2005)

Product Code – AU-A60-RSC

Our steam cured 60 shore red rubber is ideal for the lining of tanks, chutes, launders, pulleys, pipes & hoses. It is silica reinforced therefore providing cut & tear resistance, especially in slurries that have coarse abrasive sharp particle.

The high resilience properties transfers up to 80% of the kinetic energy imparted by the particles on impact, resulting in less heat build-up & material breakdown during material transfer, ensuring longer-lasting performance, even under harshest conditions.

Not recommended for use with oils, Acids & hydrocarbon solvents & strong oxidizing agents.

BONDING SYSTEMS AND STORAGE REQUIREMENTS

Rubber Resources
VS05, VS80, VS82 , VS86
Rema
800, 820, 860

Other Bonding systems may be used at the applicators discretion.

Ideally stored in a constantly cool environment at approximately 16 – 21 ° C for maximum shelf life.= of 16 days. Can be stored at higher temperatures but shelf life will be decrease.

Rev 2 – 15/11/2024
Approved by Ron Govender

This information is based on current knowledge and experience at the time of publishing. It is provided as a guideline for the product and its uses and does not guarantee its suitability for a particular application. It is the customers responsibility to ensure that the product is suitable to the application it is used for. There maybe slight variations in colour between batches due to natural materials used. AU Industries reserves the right to change these technical specification without prior notification.