



DATA SHEET

Effective March 1, 2012

Product Overview

A1 Rubber produces thousands of tonnes per annum of specialised rubber grades for various industry applications. Crumb rubber is derived from tyre rubber and is manufactured from either shredding and granulation or retread buffings.

During the manufacturing process the steel and nylon fibre is removed leaving clean tyre rubber which is further processed and classified into various grade sizes.

Specifications

Particle Sizes	1-4mm granules	Density	Solid - Approx 950kg/m ³ Loose Granules - Approx 475kg/m ³ Troweled Granules - Approx 665kg/m ³
Colour	Black	Pack Size	25kg perforated, UV treated plastic valve sacks
Approx Coverage	Granules - 2.2m ² @ 15mm on flat sub-base	Sieve Analysis	<2.0mm - 15% <4.0mm - 85%
Elongation	< 700	Hardness	50 - 80 Shore A
Tensile Strength	10 - 25 MPa	Thermal Expansion	6.7 e ⁻⁶ /°k

Applications

Eco-SBR crumb rubber is extremely versatile and has a vast number of applications. It is used in commercial flooring, gymnasium flooring, soft-fall underlay for children's playgrounds, and many others. Crumb rubber is often combined with other materials to change its properties or appearance for specific applications.

Disclaimer

The above information is derived from periodic tests taken on actual product from the manufacturing process. Some variances in specifications and raw surface appearances are possible due to the use of recycled materials and our manufacturing tolerances. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The recommendation relating to the application and end use of A1 Rubbers products, are given in good faith, based on A1 Rubbers current knowledge and experience of the product when properly stored, handled and applied under normal conditions in accordance with A1 Rubbers recommendations. The user of the product must test the product's suitability for intended application and purpose. A1 Rubber reserves the right to change the properties and tolerances of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current Terms and Conditions of Sales and delivery. Users must refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

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