

Details of Full Ingredients Used for Rubberized Coir Pots Manufacturing

The basic substance or materials in manufacturing the Rubberized Coir Plant pots are natural coir fibre, natural centrifuged rubber latex and some non-toxic chemicals that are essential in the bonding of the two basic materials.

The composition of the natural rubber latex is detailed in table below:

Ingredient	% Composition
Rubber particles (cis-1,4-polyisoprene)	30-40%
Protein	2-3%
Water	55-65%
Sterol glycosides	0.1-0.5%
Resins	1.5-3.5%
Ash	0.5-1.0%
Sugars	1.0-2.0%

The composition of ingredients used for rubberized coir pots manufacturing

Ingredient	% Composition	
	Dry Weight	Wet Weight
60% Natural Rubber Latex Concentrate	100	167
10% KOH	0.5	5.0
50% ZnO	1.5	3.0
50% S	2.0	4.0
50% Z.D.C.	0.75	1.5
50% Z.M.B.T.	0.25	0.5
50% Nonoks W.S.P.	0.51	1.0

Botanical name of Latex extracted plant - *Hevea brasiliensis*





Country of Origin – Sri Lanka

Application of Product – Use as planting pots

End use – Fertilizer (Rubberized Coir Pots will maintain their shape for up to six months till the plants is grown. The plants can then be planted in the ground with the pot. The pot will decompose over time).

Packaging – In boxes

The basic materials used in the manufacture of the Rubberized Coir Pots are derived from renewable resources. Rubberized Coir Pots are natural, totally bio degradable and environmentally friendly.

