



PRODUCT DATA SHEET

BLUECRAFT AGRO PRIVATE LIMITED

An ISO 9001:2015 Certified Company

SIZELON (SINGLE SHOT SIZING PRODUCT)

Description	<p>Sizelon is a starch based sizing agent which has been specially designed to retain the advantage which nature imparted to starch. The product is designed to suit requirement of high speed looms.</p> <p>Sizelone possess very smooth and excellent film forming properties ,impart strength to fiber,provide flexing properties to yarn. It helps in retaining all natural properties of yarn,i.e.,soft feel and enhance eeavability.</p> <p>Desizing of the product is easy to get desired TEGAWA rating by normal scouring and bleaching process, which leads to better penetration and levelness in subsequent dyeing.</p>
Advantages	<p>Advantage in pre-treatment, Dyeing & Effluent in fabric treated with Sizelon. With this product it is recommended to eliminate synthetic polymer completely. This has immense advantage in pre treatment and subsequent processes.</p>
Salient Features	<p>a) Ready to use b) Eco-friendly c) greater level of removability /desizability d) uniform coating,smooth,flexable, transparent film formation. e) Uniform add-on,due to stable,viscous and excellent flow of paste. f) Excellent fiber to fiber binding improves fiber to fiber lay in yarn,which leads to improved elongation properties of the yarn. Go Lower effluent treatment coast being natural .</p>
Pre-Treatment	<p>Sizelon being 100 % starch based product gets removed completely with hot water . Hence TEGEWA in subsequent processes such as scouring ,bleaching and Mercerizing improves substantially.</p>
'Dyieng	<p>Improves TEGEWA eludes very high brightness andevenness to fabric. It improves dye expression ratio reduces the cost of expensive Dye proportionately.</p>
Effluent Treatment	<p>Sizelon being completely bio-degradable helps in faster & higher fresh water recoveries at lower cost. It does not include any toxic & banned chemicals . This enables Cod & BOD to remain below specified norms during processing of sludge. Hence less effluent chemicals & energy & thereby cost reduction & improved recoveries.</p>



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SPECIFICATION

S.No.	PARAMETER	UNIT	TEST RESULTS
1.	Appearance		White to off white granular, fine powder, free from any extraneous matter
2.	Moisture	%	13.0 %max.
3.	pH (10% aq. Solun.)		7.0 – 8.5
4.	BTRA Viscosity* (5 % paste, 90°C,)	Sec.	8 -12
5	Paste Characteristics	–	Highly Dispersed ,non corrosive and Stable for longer period
6	Toxicity	-	No health hazard at normal handling.

* Viscosity can be adjusted as per customer requirement.