



PRODUCT DATA SHEET

BLUECRAFT AGRO PRIVATE LIMITED
An ISO 9001:2015 Certified Company

TEXOJET (Single Shot Textile Sizing Product)

Description	<p>Texojet is a single shot modified slurry based sizing starch designed to meet requirements of high speed sophisticated weaving process. This product offers uniform viscosity , high adhesiveness and adequate penetration to fiber Texojet provides excellent film formation and enhance weaving efficiency. This product prevents the warp yarn breakage due to abrasion of the neighboring yarns.</p> <p>Texojet ia an ideal slurry based modified starch for sizing application of cotton, cotton blended fiber polyester fiber , Denim application, this product is suitable for both coarser and finer count .</p>
Advantages	<ul style="list-style-type: none"> • Ready to use • Eco-friendly • Higher strength • Lower elongation • Higher bending rigidity • Higher abrasion resistance • Lower hairiness • Lower frictional resistance • Easy to resize • Uniform coating, smooth flexible transparent film formation.
Cooking Process recommended for the Texojet	<ul style="list-style-type: none"> • Take standard volume (700 litres) of water (normal temperature) into the pre-mixture through water flow meter, start the stirrer. • Properly weigh all the chemicals required. • Stir the mixture for 15 minutes. • Start the stirrer of the cooker, transfer the mixture to the closed cooker from pre-mixture vessel. Close all the open valves of the cooker. • Heat the cooker mixture with the injection of direct steam, steam will auto cut when the cooker temperature reaches the set limit (110° C). It may takes around 30 to 35 minutes. • Cook the mixture for another 40 minutes, the temperature of the cooker will reach to around 120 to 125° C depending on the size



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	<p>recipe.</p> <ul style="list-style-type: none"> • Start the stirrer of the storage vessel and then transfer the cooked size paste to the respective storage vessels. • Maintain storage temperature at around 80-90° C. • Paste is ready to transfer to the sow box of sizing machine.
Effluent Treatment	<p>Texojet is completely bio-degradable Thus, 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. COD of starch ranges 8000 to 12000 mg/l and BOD 2000-4000 mg/l.</p>
CAS No	9005-25-8

SPECIFICATION: Texojet (Modified Starch)

S.No.	PARAMETER	UNIT	TEST RESULTS
1.	Appearance		White to off white granular, fine powder
2.	Odour		Neutral
2.	Moisture	%	12 .5 %max.
3.	pH (10% aq. Solun.)		5.0 – 7.5
4.	BTRA cup Viscosity* (5 % paste, 90°C,)	Sec.	6-9 seconds
5	Paste Characteristics		Highly uniform ,non corrosive and Stable for longer period

* Viscosity can be adjusted as per customer requirement.