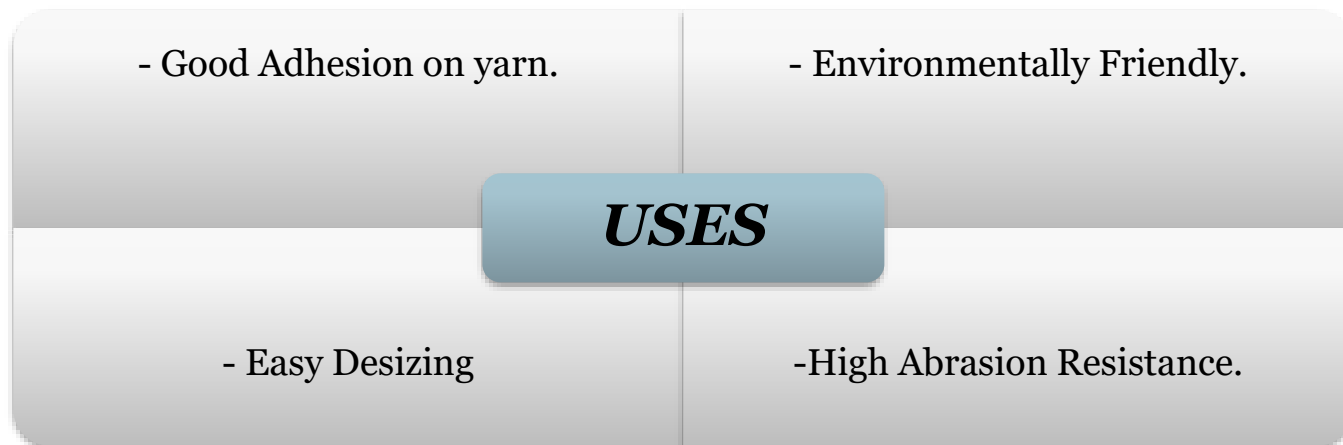


ADI- SIZE MAIZE

Maize Starch

ADI-SIZE MAIZE is an oxidized tapioca starch product suitable for using in textile warp sizing Application.



Properties

Chemical constitution:	White powder
Ionic character:	Nonionic
Solubility	Soluble after cooking
Storage stability:	ADI-SIZE MAIZE is stable for 2 year when properly Stored in closed cold and dryad containers.
Ecology/toxicology:	The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use.
Consistency	Powder
pH	4.5 - 7.0
Moisture Content 13.0 % Max.	Moisture Content 13.0 % Max.

1

NOTE: - The information and data contained herein are based on controlled or lab work. The recommendations are given on Previous experience basis but cannot be extended to cover every possible case. It should be verified and evaluated by The user by testing for the intended conditions of use. AIDA dyes & chemical does not express or imply any Warranty or guarantee. The suitability of the product for the application, intended by buyer of the product

GULSHAN E IQBAL BLOCK 6, KARACHI

Preparation

ADI-SIZE MAIZE can be prepared by standard size preparation methods.

1. A separate cooking vessel is not required.
2. All ingredients can be cooked together in the one vessel.
3. Generally, ADI-SIZE MAIZE is added to cold water under agitation to form a slurry
4. To this slurry add other ingredients such as ADI-SIZE MAIZE, PVA, acrylic and wax under agitation.
5. Heat to 95°C with live steam and maintain for 25-30 minutes.
6. Check concentration and viscosity before supplying to the size box
7. Application temperature of 85°C is recommended.

Application

ADI-SIZE MAIZE is suitable for sizing most spun yarns such as:-

- 100% Cotton
 - 100% Rayon
 - Polyester/Cotton (T/C)
 - Polyester/Rayon (T/R)
-
- The level of ADI-SIZE MAIZE used in the sizing formulation is dependent on the yarn count, weaving construction and factory conditions.
 - ADI-SIZE MAIZE is suitable for most loom types.
 - ADI-SIZE MAIZE is compatible with all commonly used sizing chemicals and easily prepared without the requirement of a separate cooking vessel.
 - The recommended dosage level of ADI-SIZE MAIZE will be determined by a number of factors in the textile mill.
 - The technical personnel at AIDA will be happy to provide detailed application advice in close consultation with the factory personnel in order to meet the specific requirements.