

MODIFIED STARCH T-130 (INDUSTRIAL GRADE)

Description : T-130 is a cationic modified industrial starch derived from tapioca roots. The starch is modified and formulated specifically to improve its performance in papermaking.

Application : T-130 is used as wet-end additives in paper manufacturing, specifically in the production of writing and printing paper.

Function and Benefit : T-130 is added during wet-end process in the papermaking, to improve paper strength, water retention, drainage ability, and fibre bonding, as well as to improve the production capacity and productivity. T-130 is also used as a dry and surface improvement aid. Moreover, in an alkaline papermaking, T-130 acts as an integral part in the wet-end retention system.

Recommended Cooking Condition : 90°C for Conventional Method
 110°C for Jet Cooking

PHYSICAL AND CHEMICAL DATA

Degree of Substitution	0.030 - 0.035	
Nitrogen content	0.25 - 0.29	%
Dry solid content	Min. 86	%
pH (at 20 % solution)	5.5 - 7.5	
Conductivity	Max. 500	uS/cm
Viscosity	> 1,000	cP
Sieve test : pass through 40 mesh	Min. 98	%
Ash	Max. 0.5	%
Colour	White to off-white	
Odour	Odourless	

Packaging : 25-kg Open Mouth Multiwall Paperbag
 850-kg Circular Woven Jumbo Bag

Label Instruction : Product name, manufacturer's details, manufacturing date, expiry date, lot number and net weight.

Shelf Life & Storage Condition : 2-year shelf life. Keep closed packaging in dry and clean area at ambient temperature.

Do not store near aromatic material and ignition source.

Safety Information : Please see Material Safety Data Sheet (MSDS).

Head Office

Mc Andrew and Partners Co.,Ltd.

1/241 Venice Di iris Soi Watcharapol 2/7
 Watcharapol Road, Tharang, Bangkokhen,
 Bangkok, 10220, Thailand

Fax : +66 (0) 2103 - 6185
 Tel : +66 (0) 2103 - 6184

Manufacturing Plant

Mc Andrew and Partners Co.,Ltd.

129, Moo 8, Chanthaburi-Sakao Road,
 Tubsai, Pongnamron,
 Chanthaburi, 22140, Thailand

Fax : +66 (0) 2103 - 6185
 Tel : +66 (0) 2103 - 6184