



Golden Star Inc.
 6445 Metcalf Avenue
 Overland Park, KS 66202
 Tel: 1-800-821-2792
www.goldenstar.com

Tech Tip: #204

Processing Instructions for Infinity Twist® Blended Dust Mops

The following procedure for machine washing blended fiber dust mops will assure maximum performance and longevity. Filaments from fiber will transfer onto other mops during the laundering process. To avoid fiber and color transfer we recommend that mops be separated before the laundering cycles or using like colored yarns with different backing colors for easy size identification.

Step	Operation	Level	Temp.	Minutes	Supplies
1.	Flush	High	120°F - 49°C	2	
2.	Flush	High	140°F - 60°C	2	
3.	Break/Suds	Low	140°F - 60°C	10	8oz. built (non solvent) detergent. for each 100 lbs. - ph 8.5 - 11.5 max.
4.	Rinse/Extract	High	120°F - 49°C	2	
5.	Rinse/Extract	High	100°F - 38°C	2	
6.	Rinse	High	80°F - 27°C	6	Active alkalinity not greater than 50 ppm higher than tap water

Additional Processing Information:

Centrifugal Extraction: Bring to full speed (300-450 rpm) for 4 minutes and release.

Hydraulic Extraction: **NOT RECOMMENDED**

Drying: Tumble at 120°F - 160°F, 49°C - 71°C

Drying:

Compared to 100% cotton yarn mops, drying time is significantly reduced with Infinity Twist Blended Dust Mops. Drying times will vary depending on your geographical location, equipment and the environment and load size. Start by tumbling these mops for 8 minutes at **160°F** incoming temperature, **120°F** exhaust(If available on your equipment, reverse the dryer drum during the drying cycle. It reduces the drying time and will not create heat pockets in the mop/yarns prolonging their service life). When programming auto dryer

Infinity Twist® Blended Dust Mop Processing Instructions Continued, page #2

settings, monitor temperature for the first 3-6 loads, stop temperature when **140°F** is reached, then begin cool down after set point has ran for 3-5 minutes. Cool to 90 - 100°F before unloading, **MOPS SHOULD NOT BE FULLY DRY**; moisture content should be approximately 10%, unless they are being poly wrapped directly from dryer.

Handling/Processing:

- 1.) The final rinse water should be checked to determine the amount of active alkali. If higher than 50ppm over tap, an additional rinse will be necessary. To insure the total removal of excess alkali, souring may be desired. This should be done according to the recommendations of the supplier of the souring chemical.
- 2.) All of the processing temperatures are very critical. High washing and drying temperatures can severely damage the fibers.
- 3.) Bleach is not recommended. If used, amount should not exceed the equivalent of 1 quart of 1% concentrate/ 100 lbs. - 20 ml/kg of mops at 10.0 - 10.5 ph.
- 4.) During the first use or first laundering, some residual color may be visible in the solution. This color is not a dye, however pre-rinsing before use may be desired.
- 5.) Over-processing in washer or the dryer or the use of bleach will cause severe damage to the yarn.

If you require additional information or require further assistance, please call our customer service department at 1-800-821-2792 or 1-816-842-0233 or email @ goldenstar@goldenstar.com