

Tech Tip: #207

Processing Instructions for NOVA™ WET MOPS

Follow the NOVA™ Wet Mop wash instructions carefully for maximum mop head life.

Step	Operation	Level	Temp.	Minutes	Supplies
1.	Flush	High	140°F - 50°C	2	
2.	Flush	High	140°F - 60°C	2	
3.	Break/Suds	Low	140°F - 60°C	10	8oz. built (non solvent) detergent 100 lbs. -4g/kg ph 8.5 - 11.5 maximum
4.	Rinse	High	140°F - 60°C	3	
5.	Rinse	High	120°F - 50°C	2	
6.	Rinse/extract	Low	80°F - 27°C	2	Active alkalinity no 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.

***NOTE** – When possible, wash like colored fibers together. Green yarn with green yarn, blue yarn with blue blue yarn, etc....

Drying:

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 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.

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Handling/Processing:

- 1.) New mops should be processed separately during their initial wash and the cycles can be overloaded 25 - 30% by weight. The break operation can be reduced by $\frac{3}{4}$ from recommended laundering formula, and maximum water temperature (140°F - 60°C) used.
- 2.) The final rinse water should be titrated 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.
- 3.) All of the processing temperatures are very critical. High washing and drying temperatures can severely damage the fibers. Because Nova Wet Mops contain a high concentration of synthetic yarn, they will not need to be dried as long as standard cotton blend wet mops.
- 4.) Bleach **is not** recommended in the wash cycle.
- 5.) **Do not over-dry the wet mops.**