





Final Nylon 6 Polymer Transfer Line Filter – Depending on the denier fiber being produced, PMF elements, 15-30 µm, are recommended. These elements ensure superior, quality nylon fiber and allow high draw-off rates at the spinnerets with near "zero breaks." 

Extraction and Recovery of Monomers and Oligomers – Monomers and oligomers are recovered using hot water. As with the DI water feed, Profile II, 5-10 µm, cartridges are recommended to remove harmful minerals and contaminants, thereby promoting an efficient reaction. The recovered solution is filtered using 5-10 µm, PMF filters to remove any particulate matter picked up during processing.  

Nitrogen Gas – Epocel® cartridges, grade EC (0.9 µm absolute), are recommended to filter the nitrogen used to dry the nylon 6 chips. This eliminates the possible introduction of contaminants to the chips during drying. 

Spinneret Screen Packs – These are commonly used to remove oversized particles and gels which might plug the spinneret die. Where the flow versus pressure drop permits, PMF media in the 15-30 µm range is recommended. This prevents the clogging of the spinnerets and fiber breaks.




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