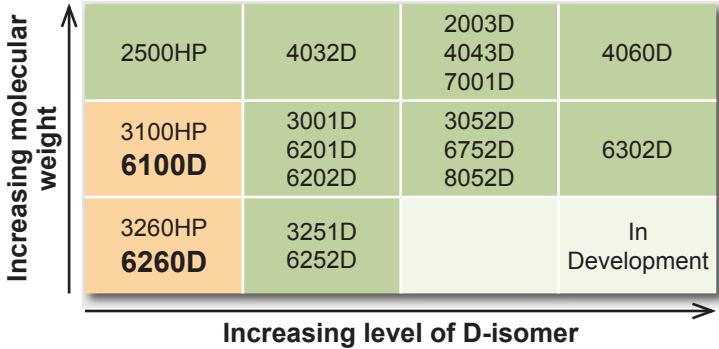


High-Performance Ingeo Grades

The high performance grades 6100D and 6260D offer structure and property capabilities that can enhance performance in fiber and nonwoven applications.

Expanding the Ingeo Product Portfolio



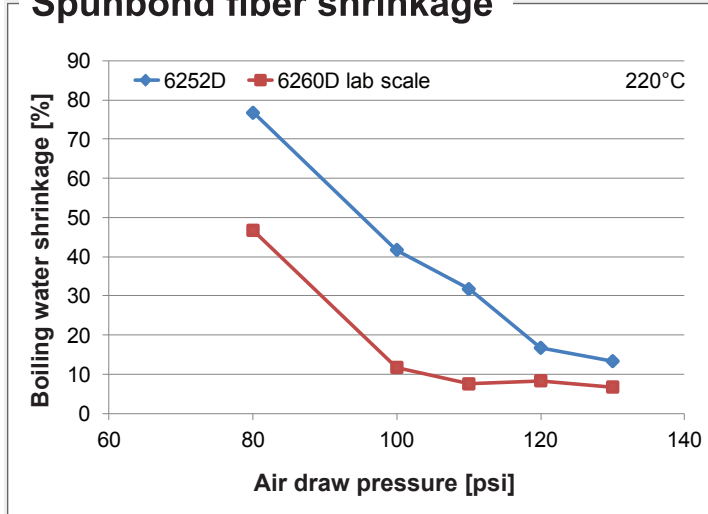
Improved Fibers

- reduced shrinkage and improved dimensional stability
- ~30% higher modulus above T_g
- increased hydrolysis resistance
- capable of higher heat set temperatures
- higher T_m creates advantages in bicomponent systems
- larger processing windows

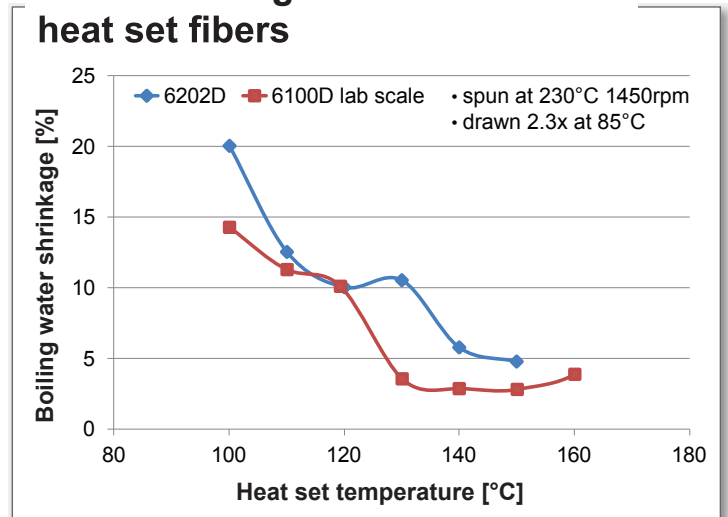
Melt blown fibers optimized results

sample	direction	fiber diameters [μm]	100°C hot air shrink [%]	peak force [lb]	peak elongation [%]
6252D	MD	3.5	27.2	3.1	2.9
6252D	CD		41.3	1.9	25.2
6260D	MD	4.0	4.1	2.7	19.7
6260D	CD		3.5	1.5	31.6

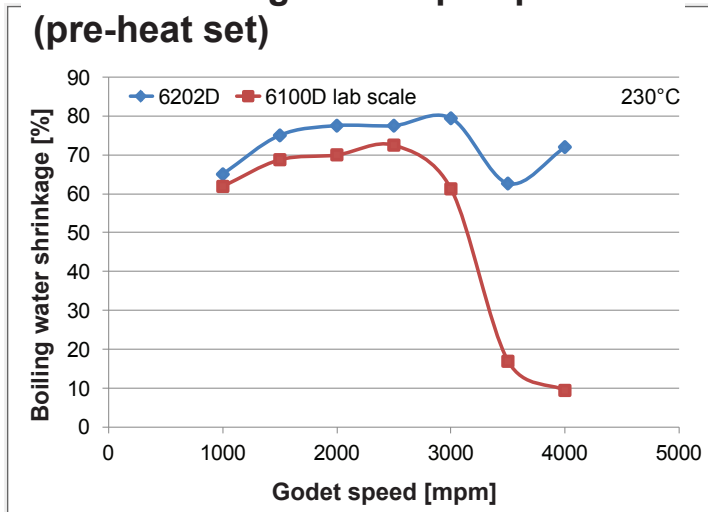
Spunbond fiber shrinkage



Fiber shrinkage from drawn & heat set fibers



Fiber shrinkage from spun process (pre-heat set)



Where can I get more info?

Commercial sales for these grades have now begun. For more information please contact your NatureWorks account manager or email us at inquiry@natureworkslc.com.



web: natureworkslc.com
twitter: @natureworkslc