

Sporting Goods / Recreation

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Regional Sporting Goods Industry - Needs & Issues (contd.)

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Regional Sporting Goods Industry - Needs & Issues

- Constant "Cost" versus "Performance" battle
 Need to push performance envelope but cost remains primary concern
- Warranty concerns (prediction of durability)
 Interest in predicting & improving long term durability of composite sporting goods "structures"
- Delivering "provable" value to customer
 Searching for niche applications and ways to differentiate their product
 Need to prove performance enhancements in actual use
- Offshore Production Transition
 High volume offshore production transition issues, such as factory selection, IP protection, materials supply, etc.



Regional Sporting Goods Industry - Needs & Issues (contd.)

- "Proving Ground" for new technologies
 Appeal of "bleeding edge" materials & technology with associated risk
- Improved UV performance
 Outdoor usage leads to UV susceptibility
- Finishing & Post-finishing operations
 Operations consume a lot of time and add to overall cost
- Broader selection of materials
 Need broader selection of composite materials at higher performance levels
- Proprietary Concerns abound
 Historically shied away from cooperative research due to the extremely competitive nature of this industry