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Roland Troke Barriault

Sodium Polyacrylate: The Power of Polymers

Division: Category:	Physical & Mathematical Sciences Junior
Region:	Annapolis Valley
City:	Kingston, NS
School:	Ecole Rose des Vents
Abstract:	Sodium polyacrylate polymers, extracted from disposable diapers, were tested for their ability to absorb liquids. Sodium polyacrylate was found to absorb only water-based liquids. Water absorption is affected by salt content, due to ionic charges and the process of osmosis, and by cross-linking.



Youth Science Canada PO Box 297 Pickering ON L1V 2R4 www.youthscience.ca / info@youthscience.ca 416-341-0040

