

# Anida Petchkaew

## อนิดา เพ็ชรแก้ว



### Education

- Ph.D. (Polymer Technology), Prince of Songkla University, Thailand and University of Twente, The Netherlands, 2015
- M.Sc. (Polymer Science and Technology), Prince of Songkla University, 2006
- B.Sc. (Polymer Science), Prince of Songkla University, 2000



### Research Interest

Rubber Technology and Engineering  
Rubber application



### Publications

- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2013). "Petroleum-based safe process oils in NR, SBR and their blends: Study on unfilled compounds. Part I. Oil characteristics and solubility aspects," *Kautschuk Gummi Kunststoffe*. 4, 43-47.
- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2013). "Petroleum-based safe process oils in NR, SBR and their blends: Study on unfilled compounds. Part II. Properties," *Kautschuk Gummi Kunststoffe*. 5, 21-27.
- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2013). "Petroleum-based safe process oils: Solubility aspect and their influence on the properties of unfilled NR, SR and their blends," *Indian International Rubber Journal*. May-June, 66-69.
- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2015). "Petroleum-based safe process oils in NR and NR/SBR blends: Part III. Effects of oil types and

contents on the properties of carbon black filled compounds,” *Kautschuk Gummi Kunststoffe*. 9, 20-29.



## Conference Proceeding

- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2010). “Petroleum-based PAH-safe process oils in NR, SBR, and their blends: Study on unfilled compounds,” Fall 178th Technical Meeting of the Rubber Division, ACS. 12-14 October 2010, Milwaukee, Wisconsin, US.
- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2013). “Implications of PAH-free aromatic extender oils in NR and NR/SBR tire compounds,” Dutch Polymer Day 2013. 18-19 March 2013, De Werelt Conference Centre, Lunteren, the Netherlands.
- Petchkaew, A., Sahakaro, K. and Noordermeer, J.W.M. (2015). “Petroleum-based safe process oils in NR and NR/SBR blends: Effects of oil types and contents on the properties of carbon black filled compounds,” Fall 188th Technical Meeting of the Rubber Division, ACS. 12-15 October 2015, Cleveland, Ohio, US.