



POLYMER TECHNOLOGY CENTER

Scratch Behavior Consortium

Texas A&M University

Meeting Agenda

9:00 am, October 13, 2005

Dow Automotive

3900 Harmon Road

Auburn Hills, MI 48326

"MEZZANINE CONFERENCE ROOM ON THE 2ND FLOOR"

Tel: (248) 391 6500

8:30 – 9:00 am	<u>Steve Hahn & H.-J Sue</u>	Reception (Refreshments Served)
9:00 – 9:30 am	<u>H.-J Sue</u> , TAMU	Welcome & Briefing: New ASTM Method; New Members; New Focuses; New Machine Update
9:30 – 10:00 am	<u>Tom Traugott</u> , Dow Automotive	Trends and Needs in Automotive Scratch Resistant Plastics
10:00 - 10:30 am	<u>Beth Wichterman</u> , Visteon	Effect of Grain Pattern on Scratch Performance of Molded-in-Color and Painted Systems
10:30 - 10:45 am	<u>Break</u>	
10:45 – 11:20 am	B. Browning, E. Moghbelli, <u>H.-J. Sue</u> , TAMU	Effect of Processing Conditions on Scratch Behavior of PP
11:20 – 12 pm	<u>H. Jiang</u> , G. Lim, R. Browning, J. Witcomb, H.-J. Sue, TAMU	FEM Parametric Study of Material Properties and Residual Stress Effect on Scratch Behavior of TPOs
12:00 – 1:00 pm	<u>Lunch Break</u>	Lunch Sponsored by Dow Automotive
1:00 - 1:30 pm	<u>R. Browning</u> , H. Jiang, G. Lim, A. Moyse, and H.-J. Sue, TAMU	Experimental Observations and FEM Modeling of Coating Thickness Effects on Scratch Behavior
1:30 – 2:00 pm	G. Lim and <u>H.-J. Sue</u> , TAMU	FEM Modeling of Scratch Damage in TPOs
2:00 – 2:30 pm	<u>Beth Wichterman</u> , Lisa Feick, John Elverum, Bobby Browning, Steve Hahn, etc.	Round Robin Test Planning and Discussion By Visteon, Luzenac, Dow Chemical, and TAMU
2:30 – 3:15 pm	<u>H.-J. Sue (Lead)</u> , <i>Consortium Members Only</i>	Future Plan, Action Items, Date of Next Meeting, etc.
3:15 pm	<u>Adjourn</u>	

Contact information for Isabel Cantu, PTC Program Coordinator: