LAB REPORT

Corn Abrasion Test

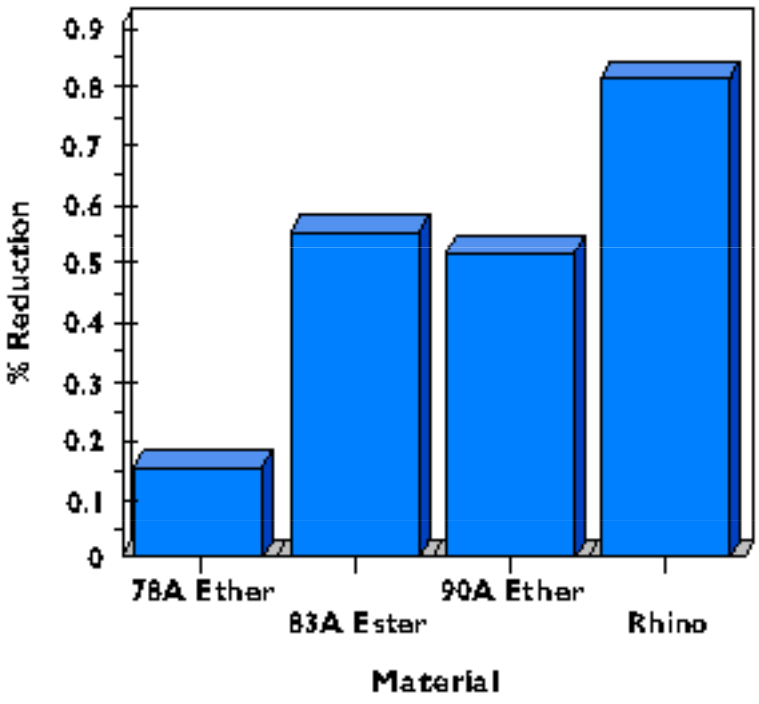
An abrasion test was conducted on four polyurethane samples. Each of the sample pads (approximately 4" high x 3" wide and 1/4" thick) were mounted on equally spaced 8" arms connected to a shaft rotating at 44 RPM. The rotating apparatus was placed in a 33" diameter drum and cracked corn was added to the drum until the pads were covered with corn. Each pad was moving through the cracked corn with a velocity of 184 feet per minute. Sample weights were taken before and after each test period and the percent of wear reduction was calculated. The results of the test are shown below.

Cumulative Results

4/2/96 - 8/28/96

Cumulative Run Time: 1200 hours, 23 minutes

Material	Start Weight (g)	End Weight (g)	% Reduction
78A Ether (red)	64.7	64.6	0.1546
83A Ester (green)	72.5	72.1	0.5517
90A Ether (clear)	57.8	57.5	0.519
Rhino (blue)	61.5	61.0	0.813



Argonics, Inc. • 520 9th Street • Gwinn, MI 49841 USA • Phone: 906-226-9747 800-991-2746 Fax: 906-226-9779