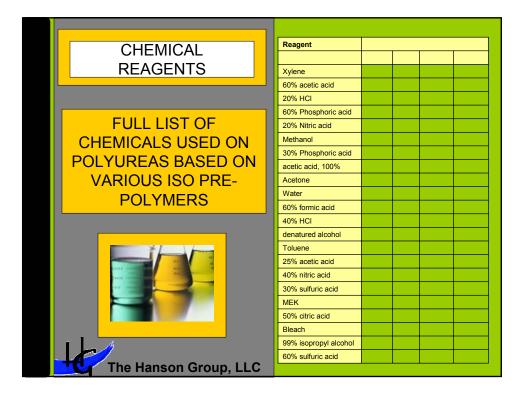
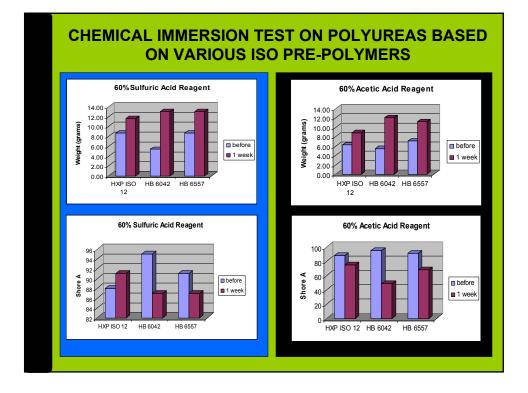
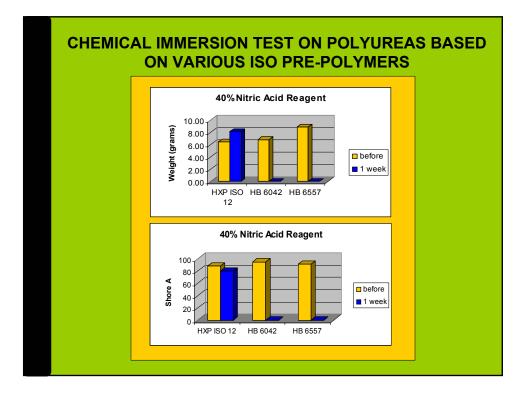
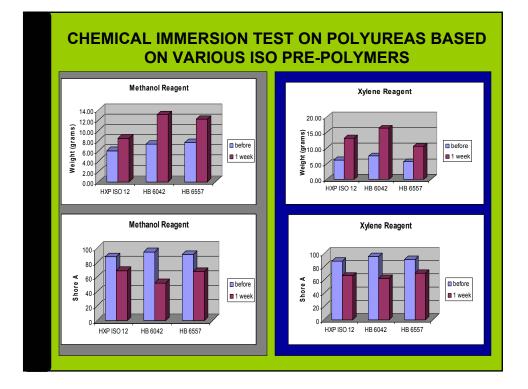


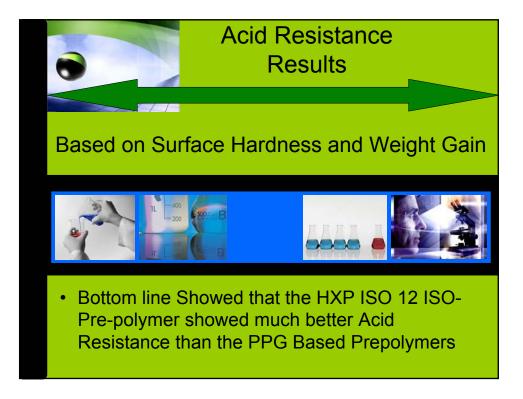
	Basic Formula Condition	
PART A	Processing	
Isocyanate Pre-polymer 15.5-16% NCO	Index: ISO/Resin Volume Ratio: Spray Pressure:	110-115 1:1 2,000 psi minimum
PART B	Primary Heat:	150-160 ⁰ F
Resin Blend BASF Polyether Amines Aceto Polylink DETDA Aceto Polylink 4200 Rebus White Pigment Dispersion	Hose Heat: Spray Gun:	150-160 0F Impingement Mix, Mechanical Purge

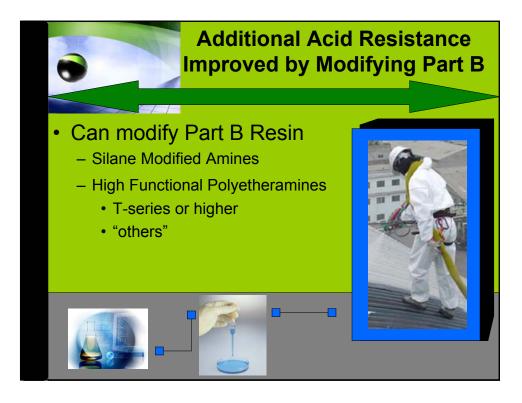








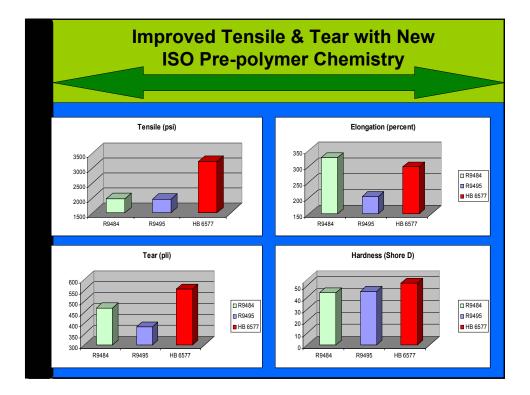






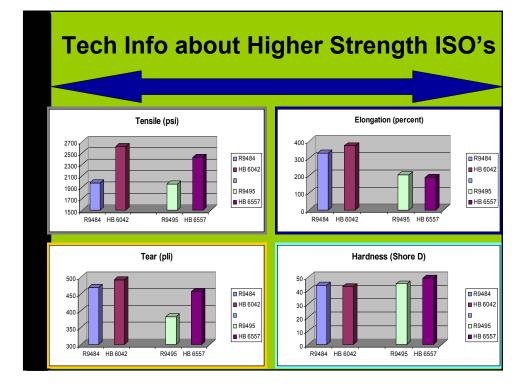


Improve Dow IS				
	1	2	3	
System	2,4' MDI	4,4' MDI	HB 6577	
Tensile strength psi	1974	1961	3218	
Elongation, %	328	204	298	
Tear strength, pli	470	382	556	
Modulus, psi				
100%	1202	1417	1827	
200%	1521	1985	2487	
300%	1881		2656	
Hardness (Shore D) **	44	45	52	
Viscosity at 25°C (cPs)	225	450	1325	
Gel time, secs	11	5	9	
Tack free secs	20	9	18	
Spec. Grav., 20°C, g/cc	1.13	1.16	1.15	



Tech Info about Higher Strength ISO's

		1	2 2,4'	3	4
System	Test Method	2,4' MDI w/o PC	MDI w/ PC	4,4' MDI w/o PC	4,4' MDI w/PC
Tensile strength, psi	ASTM D638	2613	1974	2423	1961
Elongation, %	ASTM D638	371	328	188	204
Tear strength, pli	ASTM D624	492	470	457	382
Modulus, psi					
100%		1237	1202	1767	1417
200%		1659	1521	2602	1985
300%		2191	1881		
Hardness Shore D		43	44	49	45
Viscosity at 25°C (cPs)		700	225	1075	450
%NCO		15.8	15.92	16.0	14.66
Gel time, sec		9	11	5	5
Tack free, sec		15	20	10	9
Spec. Grav., 20°C, g/cc		1,11	1,13	1.14	1,16



	Cold Temper 2 ISO that was			
			1	2
	System	Test Method	HB 6042	HB 6042/Freeze
6342 6042 Karry	Tensile strength, psi	ASTM D638	2613	2835
	Elongation, %	ASTM D638	371	311
	Tear strength, pli	ASTM D624	492	485
	Modulus, psi			
	100%		1237	1279
HB HB	200%		1659	1704
6042 6042 Std Frozen	300%		2191	2229
Equivalent	Hardness (Shore D) **		43	48
Properties of Std HB 6042	Viscosity at 25°C (cPs)		700	770
Stu HD 0042	Gel time, sec		9	9
	Tack free, sec		15	18
	Spec. Grav., 20°C, g/cc		1.11	1.12



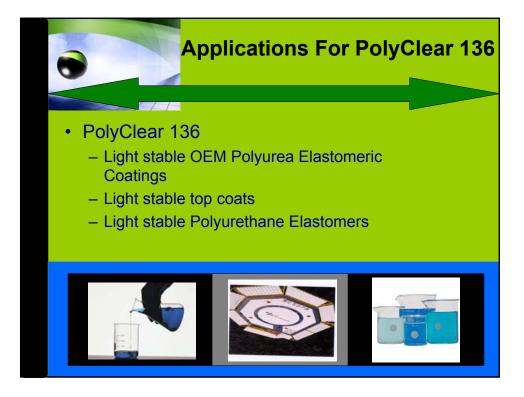








	Benefit	s of Po	lyCle	ear 136
	System	PolyClear 136	Amine C	Amine J
	Amine Eq weight	~ 136	~ 161	~ 127
	Viscosity, cps 25°C	~ 100	110	13
	Flash point, PMCC, °C	210	141	104
	Specific Gravity, 20°C	0.98	0.90	0.858
	Percent of Resin Blend	29	36	28
	Gel time, secs	5 - 6	5 - 6	2 - 4
	Tack free, secs	9 - 11	9 - 11	5 – 7
	Hard Set, Minutes	2 - 3	4 - 5	4 – 5
	Tensile strength, psi	1620	1940	~ 1700
	Elongation, %	160	150	~ 150
	Shore D Hardness	40 - 45	40 - 45	40 - 45
	T _g , °C (High Temp)	~ 70 - 80	~ 60 - 70	~ 50 - 60
The Har	1:1 by volume, ISO:Resin, a	liphatic system, 15% I	NCO IPDI based	d quasi-prepolymer





ALIPHATIC AND AROMATIC
PREPOLYMERS

DESIGNATION	PREPOLYMER TYPE
AI03154-2	MDI PREPOLYMER
AI03155-1	FLUORINATED MDI PREPOLYMER
AI03156-1	PPG-IPDI PREPOLYMER
AI03157-1	FLUORINATED PPG-IPDI PREPOLYMER
The Hanson Gr	oup. LLC

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