

,QSXW	7HVW 3ODQ 3UHL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :7 /+ 57'	
7HVW SURX5 3:& :7 /+ 57'			
0DWHULDO &)	5: 1RUPDOLJDWLRQ	&XUH 3O\ 7K3ONLHV V	\$&* ,QF
7HVW 7\SH	:DUS 7HQVLOH	&RQGLWLRQ 57'	0DWHULDO 3URFHVV
7HVW 0HWKRG 03	\$670' 0RGXOXV 3RLVVRQ V 5DQJH	&KRUG WR	/DERUDWRU\ 5HSRUW
6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ
\$,75 3:& :7 % /+ 57		OE	0DWHULDO 3URFHVV
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
\$,75 3:& :7 % /+ 57			1RW 7HVWH
0LQLPXP			
0DLPXP			
\$YHUDJH			
6WDQGDUG 'HYLDWLRQ			
&RHIILFLHQW RI 9DULDWLRQ			
1R 6SHFLPHQV			
1RWHV 17 1RW 7HVWHG 15 1R 5HVXOW *(*DJH (UURU)0)DLOXUH 0RGH 8QDFFHSWDEOH			

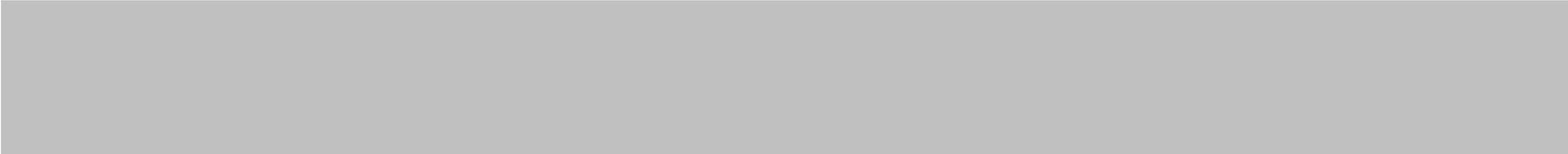
7HVW 3ODQ 3UHIL[
\$,75
7HVW \$URX

7HVW 3ODQ 0DWHULDO 7HVW
3:& :7 /+ (7:

&XUH &\FOH &RQGLWLRQ



,QSXW 7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:&)7 /+ &7'
7HVW \$,75 3:&)7 /+ &7'
0DWHULDO &) 5: 1RUPDOLJDWLRLQ &XUHG 3O\ 7K\ 3ONLGHVV \$&* ,QF
7HVW 7\SH)LOO 7HQVLOH &RQGLWLRQ &7' 0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR /DERUDWRU\ 5HSRUW
6SHFLPHQ , ' /HQJWK LQ 7KLEHQHVV LQ LQ LQ
0HDV(XURUPDOLJH V(XURUPDOLJH
\$,75 3:&)7 % /+ &7' /\$ 1RW 7HVWH
\$,75 3:&)7 % /+ &7' /*0 1RW 7HVWH
\$,75 3:&)7 % /+ &7' /\$ 1RW 7HVWH
\$,75 3:&)7 % /+ &7' /\$% 1RW 7HVWH
\$,75 3:&)7 % /+ &7' /\$ 1RW 7HVWH
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\$,75 3:&)7 % /+ &7' /\$ 1RW 7HVWH
\$,75 3:&)7 % /+ &7' /*7 /\$%0 1RW 7HVWH



1RWHV
17 1RW 7HVWHG
15 1R 5HVXOW
*(*DJH (UURU
)0)DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:&)7 /+ 57'
7HVW SUR,75 3:&)7 /+ 57'
0DWHULDO



7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:&)7 /+ (7:
7HVW SUR,75 3:&)7 /+ (7:
0DWHULDO 3OLHV_ \$&* ,QF
7HVW 7\SH_)LOO 7HQVLOH &RQGLWLRQ 0DWHULDO 3URFHVV
7HVW 0HWKRG_03_ \$670' 0RGXOXV 3RLVVRQ V_5DQJH_ &KRUG WR /DERUDWRU\ 5HSRUW
0HDV(XUR)UPDOLJH

, QSXW	7HVW 3ODQ 3UHIL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :& /+ 57'	
7HVW SURX5 3:& :& /+ 57'			
0DWHULDO	&) 5: 1RUPDOLJDWLRQ	&XUH 3O\ 7K3ONLHV	\$&* ,QF
7HVW 7\SH	:DUS &RPSUHVV&RQGLWLRQ 57'		0DWHULDO 3URFHVV
7HVW 0HWKRG	03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH	&KRUG WR	/DERUDWRU\ 5HSRUW
6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ
\$,75	3:& :& % /+ 57'	LGWK 7KLFNO&MMHG 8QDLPDWH	0DWHULDO 3URFHVV
\$,75	3:& :& % /+ 57'		,% +*0 +
\$,75	3:& :& % /+ 57'		7*0 *(
\$,75	3:& :& % /+ 57'		%*0
\$,75	3:& :& % /+ 57'		%**
\$,75	3:& :& % /+ 57'		+*0
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\$,75	3:& :& % /+ 57'		,% %*0 +
0LQLPXP			
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\$YHUDJH			
6WDQGDUG 'HYLDWLRQ			
&RHIILFLHQW RI 9DULDWLRQ			
1R 6SHFLPHQV			
1RWHV 17 1RW 7HVWHG 15 1R 5HVXOW *(*DJH (UURU)0)DLOXUH 0RGH 8QDFFHSWDEOH			

,QSXW	7HVW 3ODQ 3UHL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH &F DH &RQGLWLRQ
\$,75		3:& :& /+ (7:	

7HVW SURX5 3:& :& /+ (7:

0DWHULDO &) 5: 1RUPDOL]DWLRQ &XUH 3O\ 7K3ONLHV	\$&* ,QF
7HVW 7\SH :DUS &RPSUHVV&RQGLWLRQ (7:	0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR	/DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ	0DWHULDO 3URFHVV
\$,75 3:& :& % /+ (7		LGWK 7KLFNO/RWG OE DLOXUH	0DWHULDO 3URFHVV	0DWHULDO 3URFHVV
\$,75 3:& :& % /+ (7			+*7	
\$,75 3:& :& % /+ (7			+*7	
\$,75 3:& :& % /+ (7			%*0	
\$,75 3:& :& % /+ (7			+*0	
\$,75 3:& :& % /+ (7			%*%	
\$,75 3:& :& % /+ (7			+*%	
\$,75 3:& :& % /+ (7			+*%	*(
\$,75 3:& :& % /+ (7			%*0	*(

0LQLPXP	
0D[LXP	
\$YHUDJH	
6WDQGDUG 'HYLDWLRQ	
&RHIILFLHQW RI 9DULDWLRQ	
1R 6SHFLPHQV	

1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
 *(*DJH (UURU
)0)DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:& :& /+ (7:
7HVW SUR,75 3:& :& /+ (7:
0DWHULDO _____ 3OLHV_ \$&* ,QF
7HVW 7\SH :DUS &RPSUHVV&RQGLWLRQ 0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670'



, QSXW 7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &FDH &RQGLWLRQ
 \$,75 3:&)& /+ 57'

7HVW SURX5 3:&)& /+ 57'

0DWHULDO &) 5: 1RUPDOL]DWLRQ &XUH 3O\ 7K3ONLHVV \$&* ,QF
 7HVW 7\SH)LOO &RPSUHVV&RQGLWLRQ 57' 0DWHULDO 3URFHVV
 7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR /DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ	0DWHULDO	3URFHVV
\$.75 3:&)& % /+ 57'					%*7
\$.75 3:&)& % /+ 57'					+*0
\$.75 3:&)& % /+ 57'					+*7
\$.75 3:&)& % /+ 57'					%*0
\$.75 3:&)& % /+ 57'					%*%
\$.75 3:&)& % /+ 57'					%*0 *(
\$.75 3:&)& % /+ 57'					%*0
\$.75 3:&)& % /+ 57'					%*0

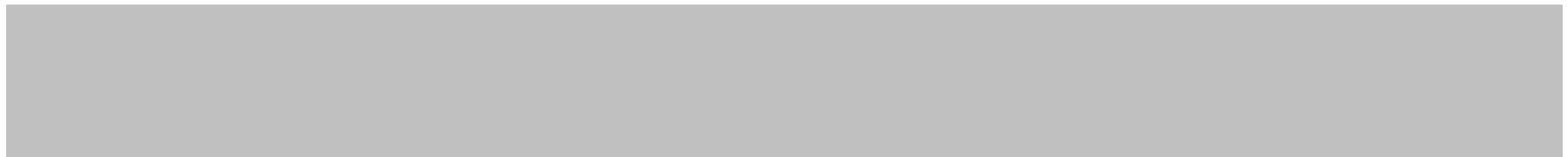
0LQLPXP
 0D[LXP
 \$YHUDJH
 6WDQGDUG 'HYLDWLRQ
 &RHIILFLHQW RI 9DULDWLRQ
 1R 6SHFLPHQV

1RWHV
 17 1RW 7HVWHG)& % /+ 57' 0RGXOXV IURP WR
 15 1R 5HVXOW
 *(*DJH (UURU
)0)DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:&)& /+ (7'
7HVW SUR,75 3:&)& /+ (7'
0DWHULDO



7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:&)& /+ (7:
7HVW SUR,75 3:&)& /+ (7:
0DWHULDO



, QSXW	7HVW 3ODQ 3UHL[	7HVW 3ODQ 0DWHULDO 7HVW	&XUH & \FDH & RQGLWLRQ
\$,75	3:&)& /+ (7:		
7HVW SUR, X5	3:&)& /+ (7:		
0DWHULDO &) 5: 1RUPDOL]DWLRQ &XUH 3O\ 7K3ONLGHVV			\$&* ,QF
7HVW 7\SH)LOO &RPSUHVVV&RQGLWLRQ (7:			0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WR			/DERUDWRU\ 5HSRUW
6SHFLPHQ ,'	/HQJWK LQ	7KLFNO&MMHG 8QDLPDWH	8QDLPDWH 6WUHQJWK NVL 3RLVVRQ &XUH
\$,75 3:&)& % /+ (7			+*% *(*)
\$,75 3:&)& % /+ (7			+*0 *(*)
\$,75 3:&)& % /+ (7			+*7 *(*)
\$,75 3:&)& % /+ (7			+*% *(*)
\$,75 3:&)& % /+ (7			%*0 *(*)
\$,75 3:&)& % /+ (7			+*0 *(*)
\$,75 3:&)& % /+ (7			+*0 *(*)
\$,75 3:&)& % /+ (7			+*0 *(*)
0LQLPXP			
0D[LXP			
\$YHUDJH			
6WDQGDUG 'HYLDWLRQ			
&RHIILFLHQW RI 9DULDWLRQ			
1R 6SHFLPHQV			
1RWHV			
17 1RW 7HVWHG			
15 1R 5HVXOW			
*(*DJH (UURU			
)0)DLOXUH 0RGH 8QDFFHSWDEOH			

7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:& ,36 /+ &7'
7HVW SUR75 3:& ,36 /+ &7'
0DWHULDO 1RUPDOLIDWLRQ&X\$HG 3O\ 7KLFNQHVV \$&* ,QF
7HVW 7\SH " f ,Q 3ODQH 6K&RQGLWLRQ &73OLHV _ 0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG WDERUDWRUW
0RGXOXV 0VL
2IIV# 6WUDLQ 0D[LPXP 0HDVXUH

,QSXW 7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
 \$,75 3:& ,36 /+ 57'
 7HVW SURX5 3:& ,36 /+ 57'
 0DWHU070 &) 5: 1RUPDOLLDWLRQ &X\$HG 3O\ 7KLFNQHVV \$&* ,QF
 7HVW 7\SH " f ,Q 3ODQH 6KRQGLWLRQ 573OLHV _ 0DWHULDO 3URFHVV
 7HVW 0HWKRG 03 \$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG ~~WERUD~~ ~~WERUW~~
 6SHFLPHQ , ' /HQJWK LQ ` 5: 2IIV# 6WUDLQ 0D[LPXP(0HDVXUH
 0RGXOXV 0VL
 \$,75 3:& ,36 % /+ 57' 17
 \$,75 3:& ,36 % /+ 57' 17
 \$,75 3:& ,36 % /+ 57' 17
 \$,75 3:& ,36 % /+ 57' 17
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 \$,75 3:& ,36 % /+ 57' 17
 \$,75 3:& ,36 % /+ 57' 17



1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
 1\$ 1RW \$SSOLFDEOH
)0)DLOXUH 0RGH 8QDFFHSDWDEOH
 *(*DJH (UUR

, Q S X W	7HVW 3ODQ 3UHLI	7HVW 3ODQ	0DWHULDO	7HVW	&XUH &\FOH	&RQGLWLRQ
\$,75		3:& ,36	/+	(7:		

7HVW \$URX5 3:& ,36 /+ (7:

0DWHU 070 &)	5: 1RUPDOLDWLRQ &X\$HG 3O\ 7KLFNQHV	\$&* ,QF
7HVW 7\SH " f ,Q 3ODQH 6K&RQGLWLRQ	(73OLHV	0DWHULDO 3URFHVV
7HVW 0HWKRG 03	\$670' 0RGXOXV 3RLVVRQ V 5DQJH &KRUG	WDERUDSWRUW

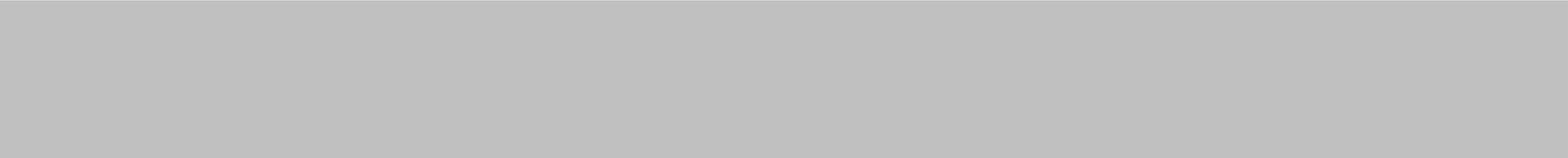
6SHFLPHQ ,'	/HQJWK :LQWK	LQ	7KLENOELVYDLDXU	&XUHGI 3OV	6KHDU 6WUHQJWK 0RGKOV	0VL
\$,75	3:& ,36 % /+	(7:			21V# 6WUDLQ 0D[LXP	0HDVXUH
\$,75	3:& ,36 % /+	(7:			*(	17
\$,75	3:& ,36 % /+	(7:				17
\$,75	3:& ,36 % /+	(7:				17
\$,75	3:& ,36 % /+	(7:				17
\$,75	3:& ,36 % /+	(7:				17
\$,75	3:& ,36 % /+	(7:				17

0LQLPXP						
0D[LXP						
\$YHUDJH						
6WDQGDUG 'HYLDWLRQ						
&RHILFLHQW RI 9DULDWLRQ						
1R 6SHFLPHQV						

1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
 1\$ 1RW \$SSOLFDEOH
)0)DLOXUH 0RGH 8QDFFHSWDEOH
 *(*DJH (UUR

, QSXW	7HVW 3ODQ 3UHIL	7HVW 3ODQ 0DWHULDO	7HVW	&XUH & \FOH	&RQGLWLRQ
\$,75		3:& 6%6 /+	(7:		
7HVW \$UR75	3:& 6%6 /+	(7:			
0DWHU 070 &)	5: 1RUPDOLDWLRQ &XUH 3O\ 7KLFNQ	\$&V , QF			
7HVW 7\SH 6KRUW %HDP 6KHD&RQGLWLRQ	(7 3OLHV	0DWHULDO 3URFHVV			
7HVW 0HWKRG 03	\$670' 6SDQ W	/DERUDWRU\ 5HSRUW			
6SHFLPHQ ,'	/HQQJK	LQGWK	LQ 7K	&XUH 380 WLPDWH /RDG	80WLPDWH 6WUHQJWK NY
\$,75 3:& 6%6 % /+	(7:			7KLFNQHVV OE	0HDVXUH RUPDGLJH
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:)&&
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:				,/6
\$,75 3:& 6%6 % /+	(7:				,/6
0LQLPXP					
0DLPXP					
\$YHUDJH					
6WDQGDUG 'HYLDWLRQ					
&RHILFLHQW RI 9DULDWLRQ					
1R 6SHFLPHQV					
1RWHV					
17 1RW 7HVWHG					
15 1R 5HVXOW					
)0)DLOXUH 0RGH 8QDFFHSWDEOH					

,QSXW 7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
 \$,75 3:& 6%6 /+ (7: 3:& 6%6 /+ (7:
 7HVW \$,75 3:& 6%6 /+ (7:
 0DWHU070 &) 5: 1RUPDOLDWLRQ &XUH 3O\ 7KLFNQ\$&* ,QF
 7HVW 7\SH 6KRUW %HDP 6KHD&RQGLWLRQ (7: 3OLHV _ 0DWHULDO 3URFHVV
 7HVW 0HWKRG 03 \$670' 6SDQ W__ /DERUDWRU\ 5HSRUW
 6SHFLPHQ , ' /HQJWK LQ)DLOXUH 0RGH 8QDFFHSWDEOH
 \$,75 3:& 6%6 % /+ (7: ,/6
 \$,75 3:& 6%6 % /+ (7: ,/6
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 \$,75 3:& 6%6 % /+ (7: ,/6
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 \$,75 3:& 6%6 % /+ (7:)&&
 \$,75 3:& 6%6 % /+ (7: ,/6



1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
)0)DLOXUH 0RGH 8QDFFHSWDEOH



7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:& 2+7 /+ 57'
7HVW *URXS \$,75 3:& 2+7 /+ 57'
0DWHULDO 1RUPDOL]DWLRQ&XISHG 3O\ 7KLFNQHVV \$&* ,QF
7HVW 7\SH 2SHQ +ROH 7HQVLRQ /D\X&RQGLWLRQ 573OLHV _ 0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' /DERUDWRU\ 5HSRUW

0HDVXUHRUPDOL]H

\$,75 3:& 2+7 % /+ 57'



7HVW 3ODQ 3UHIL[7HVW 3ODQ 0DWHULDO 7HVW &XUH &\FOH &RQGLWLRQ
\$,75 3:& 2+7 /+ (7:
7HVW *URXS \$,75 3:& 2+7 /+ (7:
0DWHULDO 1RUPDOL]DWLRQ&XISHG 3O\ 7KLFNQHVV \$&* ,QF
7HVW 7\SH 2SHQ +ROH 7HQVLRQ /D\X&RQGLWLRQ (73OLHV _ 0DWHULDO 3URFHVV
7HVW 0HWKRG 03 \$670' /DERUDWRU\ 5HSRUW

0HDVXUHRUPDOL]H



,QSXW	7HVW 3ODQ 3U	HIL	7HVW 3ODQ	ODWHULDO	7HVW	&XUH	& \FOH	&RQGLW	RQ
	\$.75		3:&	2+&	/+	(7:			

7HVW *URXS \$.75 3:& 2+& /+ (7:

ODWHU	LOD	&)	5:	1RUPDOL	DW	&RQ	HG	30\	7KLFNQHV	\$&*	,QF
7HVW	7\SH	2SHQ	+ROH	&RPSUHVV	&RQ	GLW	SRQ	37	OLHV	ODWHULDO	3URFHVV
7HVW	0HWKRG	03	\$670'							/DERUDWRU	5HSRUW

6SHFLPHQ ,'	/HQQJW	KLGWK	7KLFNQ	8KUHG	30\	+ROH	(GRGH	(GJH	WK	LDPHW	8OWLP	DW	WLPDWH	6WU)	DO	OK	HNVL	
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*
\$.75	3:&	2+&	%	/+	(7:												0	*

0LQLPXP																		
0D[LXP																		
\$YHUDJH																		
6WDQGDUG	'HYLDWLRQ																	
&RHILFLHQW	RI 9DULDWLRQ																	
1R	6SHFLPHQV																	

1RWHV
 17 1RW 7HVWHG RU ([FOXGHG
 15 1R 5HVXOW
 1\$ 1RW \$\$\$OLFDEOH
)0)DLOXUH 0RGH 8QDFFHSWDEOH

7HVW 3ODQ 3UHIL[

7HVW 3ODQ 0DWHULDO 7HVW

&XUH &\FOH &RQGLWLRQ



, QSXW	7HVW 3ODQ 3UHIL[	7HVW 3ODQ	ODWHULDO	7HVW	&XUH &	FOH &	RQGLWLRQ
\$,75		3:&	,/7	/+	57'		

7HVW \$,75 3:& ,/7 /+ 57'

0DWHULDO &)	5:	1RUPDOLDWLRQ	30\ 7KLFNQHV	\$&* ,QF
7HVW 7\SH ,QWHUODPLQDU	7HQVLRQ	ODWHULDO	3URFHVV	0DWHULDO 3URFHVV
7HVW 00\WKR \$670'		/DERUDWRU\	5HSRUW	

6SHFLPHQ ,'	\$670'				6SHF 'LPHQVLRQV										8OWLPDWH SHDN)DLO KUH	
	7KLFN	,Q	:L	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q		Q
\$,75 3:& ,/7 % /+ 57'																				
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0LQLPXP
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 \$YHUDJH
 6WDQGDUG 'HYLDWLRQ
 &RHIILFLHQW RI 9DULDWLRQ
 1R 6SHFLPHQV
 1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
 1\$ 1RW \$\$\$OLFDEOH

, Q S X W	7HVW 3ODQ 3UHIL[	7HVW 3ODQ 0DWHULDO	7HVW	&XUH &	FOH &RQGLWLRQ
\$,75		3:& ,/7 /+	(7:		

7HVW \$,75 3:& ,/7 /+ (7:

0DWHUOZDO &)	5:	1RUPDOLJDWLROUH\$ 3O\ 7KLFNQHVV	\$&* ,QF
7HVW 7\SH ,QWUODPLQDU 7HQVLRQ &RQGLWLRQ (7OLHV_			0DWHULDO 3URFHVV
7HVW 003WKR \$670'			/DERUDWRU\ 5HSRUW

6SHFLPHQ ,'	\$670'	6SHF 'LPHQVLRQV	8OWLPDWH SHDN)DLO KUH
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7KLFN	,Q	:LQWKLQ	Q R X W H Q	\$ Q J H G	L Q	N	G H J	u	L Q B O E	&%6	L Q	1 u	S V L	u	N V L	O R G H
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\$,75	3:& ,/7 % /+	(7:															,7
\$,75	3:& ,/7 % /+	(7:															,7
\$,75	3:& ,/7 % /+	(7:															,7
\$,75	3:& ,/7 % /+	(7:															,7
\$,75	3:& ,/7 % /+	(7:															,7
\$,75	3:& ,/7 % /+	(7:															,7

0LQLPXP																	
0D[L PXP																	
\$YHUDJH																	
6WDQGDUG 'HYLDWLRQ																	
&RHIILFLHQW RI 9DULDWLRQ																	
1R 6SHFLPHQV																	

1RWHV
 17 1RW 7HVWHG
 15 1R 5HVXOW
 1\$ 1RW \$\$\$OLFDEOH

normalizing t_{ply}
[in]

Specimen Number	ACG Code	ACG Batch #	ACG Cure Cycle	Prepreg Lot #	Cure Cycle Batch #	Measured Impact Energy (in-lbf)	Strength [ksi]	Avg. Specimen Thickn. [in]	# Plies in Laminate	Failure Mode	Avg. t _{ply} [in]	Strength _{norm} [ksi]		
&..%+ \$	3: &	&\$, % /+	57'	% /+						/'0				
&..%+ \$	3: &	&\$, % /+	57'	% /+						/'0				
&..%+ \$	3: &	&\$, % /+	57'	% /+						/'0				
&..%+ \$	3: &	&\$, % /+	57'	% /+						/'0				
Average							31.709						Average_{norm}	32.322
Standard Dev.							1.067						Standard Dev._{norm}	1.038
Coeff. of Var. [%]							3.365						Coeff. of Var. [%]_{norm}	3.213
Min.							30.183						Min.	30.909
Max.							32.672						Max.	33.344
Number of Spec.							4						Number of Spec.	4

Specimen Number	ACG Code	ACG Batch #	ACG Cure Cycle	Prepreg Lot #	Cure Cycle Batch #	Measured Impact Energy (in-lbf)	Strength [ksi]	Avg. Specimen Thickn. [in]	# Plies in Laminate	Failure Mode	Avg. t _{ply} [in]	Strength _{norm} [ksi]
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\$YHUDJH

\$p Å

\$YHUDJH