



Centre for Defence Engineering

Impact and Armour Group

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06th February 2017

Manufacturers Quality Testing (2)

Manufacturer	Defence Composites
Threat Level	KR1
Model Number	PPSS PC5
Date of Test	31 st January 2017

KR1 Knife Test Report

Panel Size: Medium

Energy Level: E1 and E2

Shot number	Angle of Shot	Energy (joules)	Penetration (mm)	Comments
1	90°	24	0	
2	90°	24	0	
3	90°	24	0	
4	90°	24	0	
5	90°	24	0	
6	90°	36	0	
7	90°	36	0	
8	90°	36	0	
9	90°	36	0	
10	90°	36	0	

Panel Size: Medium

Energy Level: E1 and E2

Shot number	Angle of Shot	Energy (joules)	Penetration (mm)	Comments
1	90°	24	0	
2	90°	24	0	
3	90°	24	0	
4	90°	24	0	
5	90°	24	0	
6	90°	36	0	
7	90°	36	0	
8	90°	36	0	
9	90°	36	0	
10	90°	36	0	

Panel Size: Medium Shaped / Formed

Energy Level: E1 and E2

Shot number	Angle of Shot	Energy (joules)	Penetration (mm)	Comments
1	90°	24	0	
2	90°	24	0	