Technical Data

PROPERTY		UNIT	MEASURED VALUE					
Type		Safety	Clear 2ml	Clear 4mil	Clear 7mil	Clear 8mil	Clear 12mil	Clear 15mil
Thickness of Film(MIL) / Structure		MIL/PLY	2mil / 1ply	4mil / 1ply	7mil / 1ply	8mil / 2ply	12mil / 2ply	15mil / 2ply
180 Peeling Strength		N/10mm	4.1	4.5	2.8	1.8	1.5	1.1
Tensile Strength		N/10mm	78	151	244	297	432	459
Elongation at Break		%	84	160	183	191	198	206
Solar Energy	Transmittance	%	87.87	85.23	85.1	81.93	80.08	76.03
	Reflectance	%	8.39	8.54	9.04	9.11	9.76	14.93
	Absorbance	%	3.74	6.23	5.86	8.96	10.16	9.04
Visible Light	Transmittance	%	90.5	88.71	86.65	86.19	79.7	74.1
	Reflectance	%	8.5	10.82	7.833	8.81	8.7	10.56
IR Rejected (at1,000nm)		%	9	9	9	9	10	12
UV Transmittance		%	<1%	<1%	<1%	<1%	<1%	<1%
Scratch Resistance		%	2H<	2H<	2H<	2H<	2H<	2H<