

POLYsee 9000 - multilayer plastics analysis

Description

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Specification

Sample thicknesses	30 microns to 1 mm
Magnification:	variable x150 to x750
Resolution:	x150: 2 microns x750: 0.6 microns
Light source:	Reflective, Refractive, UV. Light intensity controlled manually.
Sample thicknesses	1.18 MIL to 39.3 MIL
Magnification:	variable x150 to x750
Resolution:	x150: 0.079 MIL x750: 0.023 MIL
Light source:	Reflective, Refractive, UV. Light intensity controlled manually.

Pictures



POLYsee sample holder

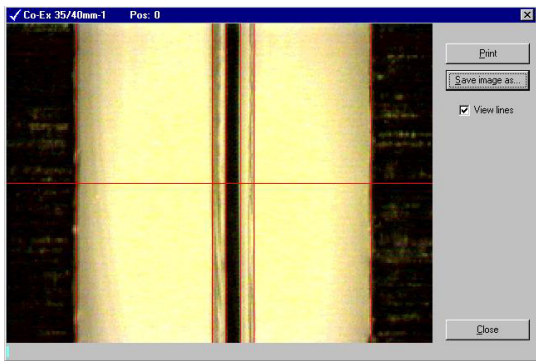
POLYsee Measurement Report

Report Number: 84 Material: L... Date: 03/25/2001 Time: 11:17
 Total Width/Length: 10(mm)

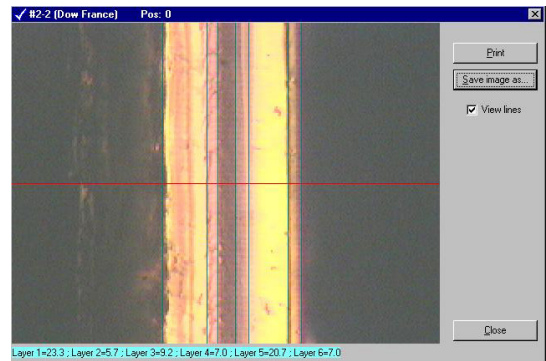
Material Type: B Molecule/lor
 Code: Operator: *****POLYsee 3880 (Quality by Vision Ltd)*****

Distance from Edge	Layer name/mark	Measurement	500 nm	200 nm	50 nm
0.00 mm	1	55.7 nicoson *	31	55	50
	2	7.3 nicoson *	4	6	8
	3	8.1 nicoson *	8	30	12
	4	7.3 nicoson *	5	7	9
	5	57.4 nicoson *	36	40	44
		115.8			
5.00 mm	1	50.0 nicoson *			
	2	7.3 nicoson *			
	3	8.8 nicoson *			
	4	6.6 nicoson *			
	5	40.3 nicoson *			
		118.0			
10.00 mm	1	53.5 nicoson *			
	2	7.3 nicoson *			
	3	8.8 nicoson *			
	4	5.1 nicoson *			
	5	42.5 nicoson *			
		117.2			

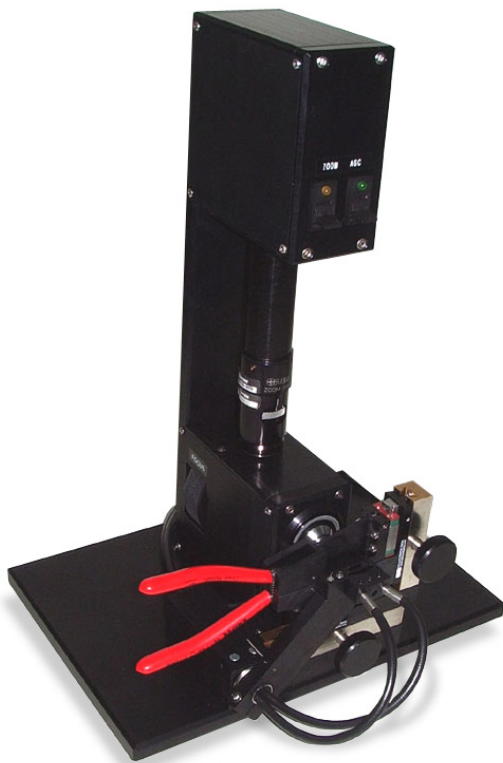
1 of 1 15 of 15 Total: 15 100%



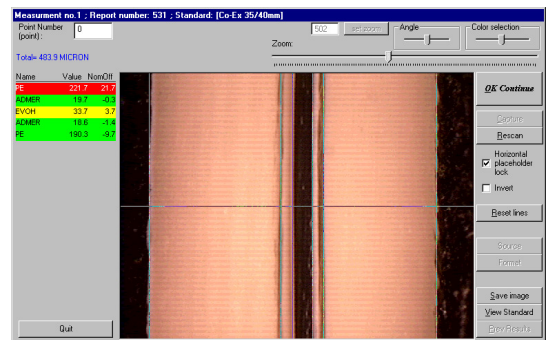
5 layer demonstration



6 layer demonstration



POLYsee optical unit



measurement