

## impact resistance of plastic films



### Principle

This test measures the impact resistance of a plastic film.

### Method

A plastic film with a diameter of 100 mm is fixed on the test frame. A rounded dart with a well-defined weight is released from a predetermined height and falls onto the film.

The combination of height and weight indicates the impact resistance.

### Applications

- Determination the impact resistance of plastic films

Mass	# test sample																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
510																				
500																				
490																				
480																				
470				x		x														
460	x		0		0		x													
450		0						x												
440									x				x				x			
430										x		0		x		0		x		0
420											0				0				0	
410																				
400																				