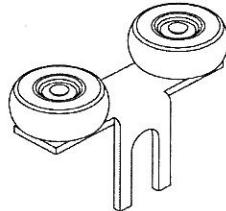


Test Certificate

No. 201006E-003

Product: Top Roller, Item-No.: 10.01.010



The test item has carefully been controlled by qualified technical staff in the raumplus test center. The top rollers have to tolerate a maximum load of (+1 % - 0 %) during 48 hours.

The following processing parameters have been achieved without any impairment of function:

Processing

Parameter:	Procedure Distance:	1200mm
	Acceleration:	0,5m/s ²
	Speed:	0,5m/s
	Holding Time:	5 seconds
	Temperature:	approx. 20,5°C

Date	Test Type:	Number of Cycles*	Weight	Inspected by:
18/02/2010	Quality control	10.000	40 kg	M. Paske
23/02/2010	Quality control	10.000	40 kg	M. Paske
12/03/2010	Durability test	10.000	40 kg	A. Riechmann
17/03/2010	Quality control	10.000	60 kg	M. Paske
08/04/2010	Quality control	10.000	40 kg	M. Paske
28/05/2010	Quality control	10.000	40 kg	M. Paske
16/06/2010	Quality control	10.000	40 kg	M. Paske

* One cycle consists of one forward and one backward motion. Between these two motions a holding time of 10 seconds has to be observed.

Approved by:
D. Lesemann
Technics and Product Development Manager



raumplus