**Technische Universität Darmstadt** 

Fachgebiet für Papierfabrikation und Mechanische Verfahrenstechnik (PMV)

Prof. Dr.-Ing. Samuel SCHABEL



Alexanderstr. 8 D-64283 Darmstadt Phone: Fax:

49(6151) 16 22580 49(6151) 16 22581

## Assessment on Recyclability of pressure sensitive adhesive tape "tesa® 60412 PCR PET CST" Certificate

Customer: tesa SE, Hugo-Kirchberg-Str. 3, D-22848 Norderstedt

**Date of Test:** 2022-03-30 **Order number:** PMV-22-117

## **Task**

The recyclability of tesa® 60412 PCR PET CST was tested according to the INGEDE method 12 (screenability of adhesive applications).

## **Testmaterial**

The costumer delivered an adhesive tape. 100 cm<sup>2</sup> of the adhesive tape have been sticked to a reference copy paper. This sample has been treated according to INGEDE 12.

Product type: Self-adhesive reinforced paper tape

Product label: tesa® 60412 PCR PET CST

## **Results**

All results of the recyclability trials were documented in the INGEDE data sheet. Calculations and scoring was carried out according to ERPC (European Recovered Paper Council). The obtained results were:

 $RS_{S} \text{ (stickies < 2000 } \mu\text{m):} \qquad \qquad 20 \text{ (best possible value: 20)} \\ RS_{A} \text{ (area after screening):} \qquad \qquad 80 \text{ (best possible value: 80)} \\ Total scoring: \qquad \qquad 100 \text{ (best possible value: 100)} \\$ 

Therefore, the removability of the tested adhesive application is evaluated by PMV as:

"good"

Darmstadt, 31th of March 2022

FACHGEBIET PAPIERFABRIKATION UND MECHANISCHE VERFAHRENSTECHNIK Technische Aniversität Demostadi Alexanderamite B., 54243 Vannstadi

Dr.-Ing. Heinz Joachim Schaffrath