



## 1. TITLE OF THE CERTIFICATE (DE) (1)

**Abschlussprüfung im staatlich anerkannten Ausbildungsberuf  
Kunststoff- und Kautschuktechnologe / Kunststoff- und Kautschuktechnologin  
Fachrichtung Halbzeuge**

(1) in original language

## 2. TRANSLATED TITLE OF THE CERTIFICATE (EN)(1)

**Final examination in the state-recognized training occupation plastics and rubber  
technologist – specialism of semi-finished parts**

(1) This translation has no legal status.

## 3. PROFILE OF SKILLS AND COMPETENCES

- Make and finish plastic and rubber semi-finished parts from various polymers using a range of techniques such as calendaring, extrusion, expansion and coating
- Plan production processes
- Process production orders
- Set up and optimise production lines
- Prepare polymers, additives and other process materials
- Start up and operate machines, plants and peripheral devices for plastic and rubber processing
- Monitor and optimise the manufacturing process in accordance with quality standards and environmental regulations
- Carry out and document measuring and testing activities as part of quality assurance
- Operate open and closed loop control systems, measurement systems and process control systems
- Carry out inspections and maintenance to production plants and assist with repairs
- Work in a customer and process-oriented way both autonomously and as part of a team
- Accord due consideration to economic and ecological aspects
- Communicate with upstream and downstream divisions and service areas for the purpose of optimisation of production processes
- Assist with the planning of production processes and with the development of customer-specific applications.

## 4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE (1)

Plastics and rubber technologists specialising in semi-finished parts work for companies in the plastics and rubber processing and manufacturing industry.

(1) if applicable

## (\*) Explanatory notes

This document is designed to provide additional information about the specified certificate and does not have any legal status in itself. The format of the description is based on the following texts: Council Resolution 93/C 49/01 of 3 December 1992 on the transparency of qualifications, Council Resolution 96/C 224/04 of 15 July 1996 on the transparency of vocational training certificates, and Recommendation 2001/613/EC of the European Parliament and of the Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers.

More information on transparency is available at: [www.europass.cedefop.eu.int/transparency](http://www.europass.cedefop.eu.int/transparency)

## 5. OFFICIAL BASIS OF THE CERTIFICATE

<p><b>Name and status of the body awarding the certificate</b></p> <p>Chamber of Industry and Commerce</p>	<p><b>Name and status of the national/regional authority providing accreditation/recognition of the certificate</b></p> <p>Chamber of Industry and Commerce</p>
<p><b>Level of the certificate (national or international)</b></p> <p>ISCED 354 This qualification corresponds to Level 4 of the German and European Qualifications Framework; cf. publication from 1 August 2013 (BAnz AT 20/11/2013 B2)</p>	<p><b>Grading scale / Pass requirements</b></p> <p>100-92 points = 1 = excellent 91 - 81 points = 2 = good 80 - 67 points = 3 = average 66 - 50 points = 4 = pass 49 - 30 points = 5 = poor 29 - 0 points = 6 = fail</p> <p>A total of at least 50 grade points are required to pass the examination.</p>
<p><b>Access to next level of education / training</b></p> <ul style="list-style-type: none"> <li>• Bachelor Professional of Plastics and Rubber Production</li> <li>• Bachelor Professional in Plastics and Rubber Technology</li> <li>• State certified technician in the relevant specialisms (Bachelor Professional in Technology)</li> </ul>	<p><b>International agreements</b></p> <p>In the field of vocational training, joint declarations on the comparability of qualifications obtained in the respective vocational training systems have been signed on the basis of bilateral agreements concluded between Germany and France and between Germany and Austria and between Germany and Switzerland.</p>
<p><b>Legal basis</b></p> <p>Ordinance on Initial Vocational Education and Training in the Occupation of plastics and rubber technologist – specialism of semi-finished parts of 06/14/2023 (Federal Law Gazette, Part I, nr 151)</p>	

## 6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

<p>Final examination administered by the competent body:</p> <ol style="list-style-type: none"> <li>1. after completion of dual training in a company and at part-time vocational school (normal procedure)</li> <li>2. after retraining in a recognized training occupation</li> <li>3. as an external examination for working people without formal vocational qualifications or persons who have been trained at full-time vocational schools or other vocational training institutions</li> </ol>
<p><b>Additional information</b></p> <p><b>Entry requirements:</b> Entry requirements are not governed by legislation; as a rule, young people are admitted after completing (nine or ten years of) general education.</p> <p><b>Duration of training:</b> 3 years.</p> <p><b>Training in the "dual system":</b> The knowledge, skills and competences delivered in a training occupation are based on the typical requirements of work processes and prepare the trainees for a specific job as well as for further qualifications. <b>The training is provided in a company and at vocational school:</b> Trainees spend 75% of the duration of training in the company. Here they acquire practical skills in a real working environment. Trainees complete 25% of training time in vocational school where they are taught general and vocational knowledge as it relates to their training occupation.</p> <p><b>More information</b> is available at: <a href="http://www.berufenet.de">www.berufenet.de</a> <a href="http://www.europass-info.de">www.europass-info.de</a></p>