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DECLARATION OF PERFORMANCE
According to (Declaration (EU) No. 305/2011)
Reference No: DFM-030-2013

Unique identification code of the product-type: **Rubber Sealing Ring "DFM"**

Serial number: **Commercial reference see Appendix 1**

Intended use or uses: **Rubber sealing rings for piping systems in non-pressure applications.**

Name & Contact address supplier: **MOL Gummiverarbeitung GmbH & Co. KG**
Gutenbergstraße 12-14
49377 Vechta
Germany

AVCP System of the construction product: **-4-**

Harmonised standard: **EN681-1:2006**

Declared Performances:

Essential characteristics Annex ZA. 1 - EN 681-1	Performance		Test-medhod	Harmonised technical specification
	Requirements	Results		
Dimensional tolerance	fulfilled	fulfilled	ISO 3302	EN681-1:2006, 4.2.1
Tightness: gas and liquid				
Hardness	60 ± 5 IRHD	fulfilled	ISO 48	EN681-1:2006, 4.2.3
Tensile strength Elongation at break	≥ 9 Mpa ≥ 300 %	fulfilled	ISO 37	EN681-1:2006, 4.2.4
Compression set at 72 h / 23°C 24 h / 70°C 70 h / -10°C 72 h / -25°C	 ≤ 12 % ≤ 20 % ≤ 50 % ≤ 60 %	fulfilled	ISO 815	EN681-1:2006, 4.2.5
Volume change in water 7d / 70°C	+8 / -1 %	fulfilled	ISO 1817	EN681-1:2006, 4.2.8
Release of dangerous substance		NPD		
Durability				
Ageing, 7 days at 70 °C Hardness change Tensile strength change Elongation change	 +8 / -5 IRHD -20 % +10 / -30 %	fulfilled	ISO 188 ISO 48 ISO 37	EN681-1:2006, 4.2.6
Stress relaxation at 7 d / 23°C 100 d / 23°C (type test)	 ≤ 15 % ≤ 22%	fulfilled ---	ISO 3384	EN681-1:2006, 4.2.7
Ozone resistance	fulfilled	fulfilled	ISO 1437-1	EN681-1:2006, 4.2.9

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This marking on the product indicates the performance and essential features, according to CE mark in the following way:

EN681-1-SBR-60-WC

This means: Pipe Gasket for water supply, cold, drainage, sewage and rainwater pipes, (type WC) from SBR material with a hardness of 60 Shore.

The performance of the product identified above is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Vechta, 03.02.2014	Alexander Siebert, QS	M.O.L. Gummiverarbeitung GmbH & Co. KG Postfach 1621 49365 Vechta Tel.: 0 44 41 / 92 45-0 i.A.
place and date of issue	**name and function**	**Signature**

created: June 2013	amended: February 2014

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Appendix 1
According to Declaration of Performance
Reference No: DFM-030-2013

Rubber sealing rings for piping systems in non-pressure applications.

Unique identification code of product type and serial number.

EN681-1-SBR-60 WC

Article number	Article name
216-22100	Durchführungsmanschette DN 110 DFM
217-22100	Durchführungsmanschette DN 160 DFM
227-22100	Durchführungsmanschette DN 200 DFM

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