



NATIONAL DECLARATION OF PERFORMANCE no. 150

1. Name and trade name of the construction product: Polyethylene (PE) pipes for the transmission of gaseous fuels: DN/OD 25-500
2. Designation of the construction selection type: PE 100 SDR 17.6 pipes; SDR17; SDR11
3. Intended use or uses: in piping systems intended for the transmission of gaseous fuels
4. Name and address of the manufacturer's head office and place of production: SKOPLAST Stanisław i Krzysztof Szkopek, sp.j.
ul. Raszkowska 9a, 63-430 Kaczory
5. Name and address of the authorized representative, if any: not applicable
6. National application system for the assessment and verification of constancy of performance: 3
7. National technical specification:
7.a Polish product standard: PN-EN 1555-2:2012 Plastic piping systems for the transmission of gaseous fuels. Polyethylene. Part 2: Pipes
Name of the accredited certification body, accreditation number and national certificate number or name of the accredited laboratory/laboratories and accreditation number: Laboratory of the Oil and Gas Institute - National Research Institute in Krakow. PCA accreditation number AB 041
7.b National technical assessment: not applicable
Technical Assessment Body/National Technical Assessment Body: not applicable
Name of the accredited certification body, accreditation number and certificate number: not applicable
8. Declared performance characteristics:

Essential characteristics of the construction product for intended use or uses	Declared performance characteristics	Comments
Material properties	In accordance with PN-EN 1555-2:2012, point 4 and PN-EN 1555-1:2012 points 4.2, 4.3, 4.4	Based on declaration/certificate of conformity of material manufacturer
Appearance	Conforms to PN-EN 1555-2:2012, point 5.1	
Colour	Conforms to PN-EN 1555-2:2012, point 5.2	
Geometric features	In accordance with PN-EN 1555-2:2012, points 6.2, 6.3	
Mechanical properties	Hydrostatic resistance in accordance with PN-EN 1555-2:2012 point 7.2 - 20°C, 100h - 80°C, 165h - 80°C, 1000h	
	Elongation at break $\geq 350\%$, PN-EN 1555-2:2012 point 7.2	
	Resistance to slow crack growth complies with PN-EN 1555-2:2012 point 7.2	
	Resistance to rapid crack propagation complies with PN-EN 1555-2:2012 point 7.2	
Physical properties	Mass Flow Rate (MFR) in accordance with PN-EN 1555-2:2012 point 8.2	
	Oxidation induction time ≥ 20 minutes in accordance with PN-EN 1555-2:2012 point 8.2	
	Longitudinal shrinkage $\leq 3\%$ PN-EN 1555-2:2012 point 8.2	Only for wall thickness $\leq 16\text{mm}$
Suitability for use	Suitability for the use of butt joints in accordance with PN-EN 1555-2:2012 point 9 and PN-EN 1555-5:2012 point 4.2.2	
Crimp resistance	Complies with PN-EN 1555-2:2012 Annex C	
Marking	In accordance with PN-EN 1555-2:2012 point 10	

9. The performance of the product specified above is in accordance with all the declared performances listed in point 8. This national declaration of performance is issued in accordance with the Act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by:

Sebastian Szkopek, Quality Department Manager

Kierownik Kontroli
Jakości Laboratorium
inż. Sebastian Szkopek