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WACKER **SILICONES**

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GENIOSIL®

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**PAINTABLE HYBRID
ADHESIVES AND SEALANTS**

CREATING TOMORROW'S SOLUTIONS

NEW APPLICATIONS FOR SILICONE ADHESIVES AND SEALANTS

PRODUCT DATA AT A GLANCE



GENIOSIL® N 550 combines the typical characteristics of silicones – such as excellent water repellency, high elasticity and high resistance to heat and cold – with new properties:

- Silicone does not bleed or outgas
- Can be painted in a cured state or wet in wet
- High mechanical strength
- Non-sag

Thanks to this smart combination, GENIOSIL® N 550 opens up novel applications where functionality, quality and immaculate appearance are paramount.

Special Characteristics:

- Neutral curing system
- Solvent free
- Excellent primerless adhesion to most plastic, metal, glass and ceramic surfaces
- Can be coated with suitable paints in cured and uncured state

Applications:

Within the temperature range -50 to +120 °C, and short term even up to 160 °C, the permanently elastic adhesive is used in car, bus, truck and rail applications.

Property	Test Method	Unit	GENIOSIL® N 550
Product data, uncured			
Color			Gray
Density at 23 °C	ISO 2811	[g/cm ³]	1.3
Skin-over time, 23 °C/50 % RH		[min]	25
Product data, cured (2 mm, 14d storage at 23 °C, 50 % RH)			
Density at 23 °C	ISO 2781	[g/cm ³]	1.36
Tensile strength	ISO 37	[N/mm ²]	3.0
Elongation at break	ISO 37	[%]	350
Hardness Shore A	ISO 868		55
100 % Modulus	ISO 37	[N/mm ²]	1.6

These figures are only intended as a guide and should not be used in preparing specifications. For more detailed product data, please see our product data sheets.