

ELASTOSIL® R plus 4001/40

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV

Technical Textiles, Technical Textiles

Adhesion of Textiles, Technical Textiles

Coating of Fabrics and Textiles, Technical Textiles

Molded Parts, Food Contact, Plastics and Rubber Processing

Molded Parts, Technical, Plastics and Rubber Processing

Sportswear & Leisurewear, Technical Textiles

Molded parts; tap water and wastewater contact, Plastics and Rubber Processing

General Information

Features	Food Contact Acceptable General Purpose
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Uses	Gaskets Membranes Potable Water Applications Seals Transparent Parts
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Processing Method	Coating Compression Molding Press Molding
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Uncured Properties

Nominal Value	Unit	Test Method
Color	Clear/Transparent	
Density	1.12 g/cm ³	ISO 1183

Cured Properties

Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	40	DIN 53505
Tensile Strength	11.5 MPa	DIN 53504
Tensile Elongation at Break	840 %	DIN 53504
Compression Set	22 %	DIN ISO 815-B
Tear Strength	38.0 kN/m	ASTM D624B
Rebound Resilience	58 %	DIN 53512

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