

# ELASTOSIL® R 420/50

Silicone

Wacker Chemie AG

## Message:

Silicone Rubber, HTV

Exhaust-Pipe Suspensions, Automotive & Transportation

Vibration Dampers, Automotive & Transportation

Membranes, Automotive & Transportation

Extrudates, Technical, Plastics and Rubber Processing

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

Extrudates, food contact, Plastics and Rubber Processing

Molded Parts, Technical, Plastics and Rubber Processing

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

Molded Parts, Food Contact, Plastics and Rubber Processing

Molded Parts, Automotive, Plastics and Rubber Processing

General Information	
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Features	Food Contact Acceptable
	Good Abrasion Resistance
	Good Tear Strength

Uses	Automotive Applications
	Compounding
	Gaskets
	Membranes
	Potable Water Applications
	Profiles
	Seals
	Valves/Valve Parts

Processing Method	Calendering
	Compression Molding
	Extrusion
	Press Molding
	Profile Extrusion

Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.15	g/cm <sup>3</sup>	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	52		DIN 53505
Tensile Strength	10.0	MPa	DIN 53504
Tensile Elongation at Break	600	%	DIN 53504

Compression Set	36	%	DIN ISO 815-B
Tear Strength	39.0	kN/m	ASTM D624B
Rebound Resilience	46	%	DIN 53512

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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