

ELASTOSIL® R plus 4001/80

Silicone

Wacker Chemie AG

Message:

Silicone Rubber, HTV

Molded Parts, Technical, Plastics and Rubber Processing

Molded Parts, Food Contact, Plastics and Rubber Processing

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

General Information			
Features	Food Contact Acceptable		
	General Purpose		
Uses	Gaskets		
	Membranes		
	Potable Water Applications		
	Seals		
	Transparent Parts		
Processing Method	Compression Molding		
	Press Molding		
Uncured Properties	Nominal Value	Unit	Test Method
Color	Clear/Transparent		
Density	1.20	g/cm ³	ISO 1183
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	80		DIN 53505
Tensile Strength	8.50	MPa	DIN 53504
Tensile Elongation at Break	580	%	DIN 53504
Compression Set	32	%	DIN ISO 815-B
Tear Strength	29.0	kN/m	ASTM D624B
Rebound Resilience	57	%	DIN 53512

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