

AAG SILIKONE P-PROFIL

Technical data sheet



266
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Product data

Typical general characteristics	Inspection Method	Value
Appearance		transparent
Density at 20 °C	ISO 1183-1 A	approx. 1,15 g/cm ³

Curing agent E

Hardness Shore A	DIN 53505	61
Tensile strength	DIN 53504 S1 / ISO 37	11 N/mm ²
Elongation at break	DIN 53504 S 1	440 %
Tear strength	ASTM D 624 B	24 N/mm
Rebound resilience	DIN 53512	57 %
Compression set	DIN ISO 815-B (22 h / 175 °C)	31 %

Curing agent C1

Hardness Shore A	DIN 53505	62
Tensile strength	DIN 53504 S1 / ISO 37	11 N/mm ²
Elongation at break	DIN 53504 S 1	530 %
Tear strength	ASTM D 624 B	26 N/mm
Rebound resilience	DIN 53512	56 %
Compression set	DIN ISO 815-B (22 h / 175 °C)	16 %

These figures are only intended as a guide and should not be used in preparing specifications.

Cure conditions

Curing agent		[%]	Cure	Post-cure
E	50 % paste of bis-(2,4-dichlorobenzoyl)-peroxide in silicone fluid	1.5	10 min / 135 °C	4 h / 200 °C
C1	Dicumyl peroxide (98 %)	0.7	15 min / 165 °C	4 h / 200 °C
C6	45 % paste of 2,5-bis-(t-butylperoxy)-2,5-dimethyl-hexane in silicone rubber	1.2	15 min / 165 °C	4 h / 200 °C

Curing Agent C6 yields similar values to those obtained with C1.

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