

Ecosil [Silicone, MVQ]

PROPERTIES	DIN STANDARD	UNIT	ECOSIL
color			reddish-brown
hardness	53505	Shore A	85±5
hardness	53505	Shore D	
density	53479	g/cm ³	1,52
100% modulus	53504	N/mm ²	>5
tensile strength / yield stress	53504 / 53455	N/mm ²	>7
elongation at break	53504 / 53455	%	>130
modulus of elasticity – tensile test	53457	N/mm ²	
compression set 70°C/24h 20% Def.		%	
100°C/24h 20% Def.		%	
100°C / 22h	53517	%	
175°C / 24h	53517	%	≥15
rebound resilience	52512	%	44
tear strength	53515	N/mm	8
abrasion	53516	mm ³	
minimum service temperature		°C	-60
maximum service temperature		°C	+200