

Technical specification

KLINGERSil C-6307

Description "Self-sealing" properties by controlled swelling in oil. Good properties against water and oil. Armaidfiber bound with a mixture of nitrile and NBR.

Properties	Unit	Value	Test method
Density	g/cm ³	1.7	
Maximal operating pressure at 85°C			
Temperature – service (continuous)	°C	175	
Temperature – short time	°C	350	
Compressibility	%	9-15	ASTM F 36 A
Recovery	%	min 45	ASTM F 36 A
Stress resistance			
16h/175°C	50 MPa	-	DIN 25913
16h/300°C	50 MPa	25	DIN 52913
16h/300°C	40 MPa	-	BS 7531
Tightness	ml/min	0.5	DIN 3535/6
Tightness class L			DIN 28090-1
Thickness increase after fluid immersion			
Oil 5h/150°C	%	35	ASTM F 146
Fuel 5h/23°C	%	40	ASTM F 146
Klinger cold compression; 50 MPa			
thickness decrease at +23°C	%	10	
thickness decrease at +300°C	%	28	
Soluble chloride content (chloride soluble)	ppm	150	
Cold compression	%	-	DIN 28091-2
Cold recovery	%	-	DIN 28091-2
Hot compression	%	-	DIN 28091-2
Hot recovery	%	-	DIN 28091-2
Spring back R	Mm	-	DIN 28091-2
Thermal conductivity	W/mK	-	

This specification is given by our best knowledge and might be submitted to changes.