KLINGERSIL® AC20.600

KLINGER India

PRELIMINARY DATA SHEET

Material description	*Asbestos free gasket material, Aramid fibre based with NBR binder, expandet metal reinforced. Excellent oil and fuel resistance, combined with excellent stress relaxation and tensile strength. Colour: green*				
Typical applications	*Gaskets for inlet manifold, exhaust manifold, oil pan and timing case.*				
Typical physical properties	*Thickness*			mm	0.8-2.0
	Density			g/cm³	*
	Max. temperature			°C	400
	Max. pressure			bar	180
	Compressibility	*ASTM-F 36-J*		%	5-13
	Recovery	*ASTM-F 36-J*		%	>40
	Tensile strength	*DIN 52 910*	*cross grain*	MPa	*
	Stress relaxation	*DIN 52 913*	*50MPa 16 h/300°C >0.5mm*	MPa	>28
	Ignition loss	*DIN 52 911*		%	<33
	Thickness/weight increase after fluid immersion		*ASTM-F 146*		
		ASTM-Oil IRM 903	*Thickness*	%	≤7
		(5h/150°C)	*Weight*	%	≤14
		ASTM Fuel B	*Thickness*	%	≤10
		(5h/20°C)	*Weight*	%	≤15
		Water-glycol	*Thickness*	%	≤10
		(1:1.5h BP)	*Weight*	%	≤16
Availability	*Sheet dimensions*		*4065 x 1540*	mm	+/- 50
	Thickness:		*0.8 – 2.0 mm*	%	+/- 10

**Values depending on thickness*

Thickness (mm)	Density (g/cm3)	DIN 52910 (MPa)
0.8	2.35-2.65	>40
1.0	2.20-2.50	>38
1.5	1.95-2.25	>30
2.0	1.80-2.10	>24

Certified acc. to DIN EN ISO 9001:2015 Subject to technical alterations.
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