



EPDM Rubber

Properties	Condition	Standard	Unit	Unit	Unit	Unit
Colour				blue		blue
hardness	23°C /3 sek.	ISO 868	Shore A	81 ± 5	Shore A	81 ± 5
hardness	23°C /15 sek.	ISO 868	Shore A	81 ± 5	Shore A	81 ± 5
modulus 100%	23°C	DIN 53 504	MPa	≥4	psi	≥ 580
tensile strength	23°C	DIN 53 504	MPa	≥9	psi	≥ 1305
elongation at break	23°C	DIN 53 504	%	≥ 130	%	≥ 130
tear strength	23°C	DIN ISO 34-1	kN/m		lbf/inch	
spec. gravity	23°C	ISO 1183	kg/m ³	1300	g/cm ³	1,30
rebound elasticity	23°C	DIN 53 512	%	56,7	%	56,7
abrasion	23°C	DIN 53 516	mm ³	272	mm ³	272
compression set	*	ISO 815	%	≤ 13	%	≤ 13
compression set	**	ISO 815	%		%	
compression set	***	ISO 815	%		%	
minimum service temperature			°C	-10	°F	-14
maximum service temperature			°C	210	°F	410
temp. max water/steam			°C		°F	
temp. max hot air			°C	280 short	°F	536 short

* 24h 70°C 25% def. ** 24h 100°C 25% def. *** 24h 150°C 25% def.

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