

16155



Product: **calendered EPDM rubber**
 Presentation: **Roll, dimension and aspect according to your specification**
 Color: **Black**
 Benefit: **Mechanicals proprieties / Compression set /Ageing**



Proprieties	Test Conditions Standard	Values
Density	ISO 845	1.05 g/cm ³⁽¹⁾
Hardness IRHD	ISO 48	50 ⁽²⁾
Ultimate elongation	ISO 37	≥ 350 % / average :550% ⁽²⁾
Tensile strength	ISO 37	≥ 14 Mpa / average :16 Mpa ⁽²⁾
Tearing resistance Delft	ISO 34	22 ±4 KN/m

Ageing	
Continuous	-45°C / +100°C
Peak	+150°C
Ozone	Excellent
Air + UV	Excellent

Chemical Resistance	
Petroleum oil	Unsatisfactory
aliphatic solvents	Unsatisfactory
aromatic solvents	Unsatisfactory
Ketone	Unsatisfactory
Strong Nonoxidizing acid	Excellent
Strong oxidizing acid	Contact us

Benefit			
Aged in air 7 D/ 150°C Change of Ultimate elongation	ISO 37	- 50 % max	Average ⁽²⁾
	ISO 37	- 50 % max	-25%
Tensile strength	ISO 37	- 50 % max	-30%
	ISO 37	- 50 % max	-30%
Ozone (200 pphm, 72h, 40°C, 20%)	ISO1431	No Crack	
Compression set (25%C/22H / 70°C))	ISO 815	B1: <30 % max	10.5%
Compression set (25%C/70H/100°C)	ISO 815	B3:< 40 % max	14%
Compression set (25%C/70H/125°C)	ISO 815	B8: < 40 % max	26%
Gehmann T10	ME 1528	-45°C	

FOAM AND CONVERTING DIVISION

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NOTE: Our data and suggestions are based on information which we believe to be reliable. Because they are not based on your specific situation, we cannot guarantee them or accept any liability resulting from their use. Modifications can be made at any time without notice Our technical offices stay at your disposal for any advice.

(1) For information

(2) Average indicative value