

EF51

EPDM



EPDM SHEETING STANDARD LEVEL QUALITY

Caractéristiques

Standard EPDM.

Applications

Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with water, oxidizing and non oxidizing diluted acids.

Advantages


- Very good resistance to ozone
- Good ageing resistance
- Good temperature resistance
- Good ratio quality/price

Bénéfices

- Service life
- Economy

PROPRIETES MECANQUES ET PHYSICO CHIMIQUES

Caractéristiques mesurées		Norme de référence	Valeur	
MECANIQUES				
Elastomère - Noir			EPDM	I
Densité			1.30 ±0.05	g/cm ³
Dureté	ASTM D2240		65 ±5	Shore A
Tensile strength	ISO 37		≥5	MPa
Elongation at break	ISO 37		≥200	%
Tear resistance	ISO 34-1		≥20	N/mm
Compression set after 22h à 70 °C	ISO 815-1		≤40	%
Compression set after 22h à 100 °C	ISO 815-1		≤60	%
TEMPERATURE				
Température d'utilisation			-25/+120	°C
VIEILLISSEMENT				
Dureté après 70h à 70 °C	ASTM D573		≤-30	Shore A
Ar/Ar après 70h à 70 °C	ASTM D573		≤-50	%
Ozone resistance, 200pphm, 48h, 40 °C, 20%	ISO 1431-1 method A		No crack	
Résistance Chimique				
Acides et bases dilués	Acides et bases concentrés	Ozone	Huiles et Hydrocarbures	
Very good	Medium	Very good	Non suitable	
Identification				
Marquage	Without.			
Conditionnement	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.			
Emballage	Black polyethylene film.			
Etiquetage	Self-adhesive label indicating product name, dimensions, area in m2, nominal weight, and product code to allow product traceability.			
Identification				

EPDM	EPDM SHEETING	EF51			
EPAISSEUR mm	LARGEUR mm	LONGEUR m	WEIGHT kg/m ²	ASPECT	
1±0.2	1400±2%	20±2%	1.3	LFODD	
1.5±0.25	1400±2%	15±2%	1.95	LFODD	
2±0.3	1400±2%	15±2%	2.6	LFODD	
3±0.3	1400±2%	10±2%	3.9	LFODD	
4±0.4	1400±2%	10±2%	5.2	LFODD	
5±0.4	1400±2%	10±2%	6.5	LFODD	
6±0.5	1400±2%	10±2%	7.8	LFODD	
8±0.7	1400±2%	5±2%	10.4	LFODD	
10±1.0	1400±2%	5±2%	13	LFODD	
12±1.0	1400±2%	5±2%	15.6	LFODD	
15±1.0	1400±2%	5±2%	19.5	LFODD	
20±1.4	1400±2%	5±2%	26	LFODD	

