

H630

CSM



CSM 60 SHEETING FOR TECHNICAL APPLICATIONS

FEATURES

High grade chlorosulphonated polyethylene (CSM).

APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with:

- water
- diluted and low oxidant acids

ADVANTAGES

- ▮ Good resistance to diluted and low oxidant acids
- ▮ Excellent oxidation, weather and ozone resistance
- ▮ Very good high temperature resistance
- ▮ Excellent resistance to hydrocarbonated solvents
- ▮ Resistant to alcohols and most inorganic chemical products
- ▮ Moderate resistance to aliphatic and aromatic hydrocarbons
- ▮ Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

BENEFITS

- ▮ Performance
- ▮ Service life
- ▮ Safety

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			CSM	I
	Density		1.30 ±0.05	g/cm ³
	Hardness	ASTM D2240	60 ±5	Shore A
	Tensile strength	ISO 37	≥9	MPa
	Elongation at break	ISO 37	≥350	%
	Tear resistance	ISO 34-1	≥20	N/mm
	Compression set after 22h at 70 °C	ISO 815-1	≤35	%
TEMPERATURE				
	Working temperature		-35/+125	°C
AGEING				
	Δ Hardness after 168h at 70 °C	ASTM D573	≤5	Shore A
	Ozone resistance, 200pphm, 48h, 30 °C, 20%	ASTM D1149 type A	No crack	
OIL RESISTANCE				
	Oil IRM 903, Δ volume after 70h at 70 °C	ISO 1817	≤40	%
CHEMICAL RESISTANCE				
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons	
Very good	Good	Very good	Good	
IDENTIFICATION				
Branding	Without.			
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.			
Wrapping	Black polyethylene film.			
Labelling	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.			

CSM		CSM 60 SHEETING		H630	
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH	
2±0.3	1400±2%	15±2%	2.64	2 SIDES MATT	
3±0.3	1400±2%	10±2%	3.96	2 SIDES MATT	
4±0.4	1400±2%	10±2%	5.29	2 SIDES MATT	
5±0.4	1400±2%	10±2%	6.61	1 SIDE SMOOTH/1 SIDE MATT	
6±0.5	1400±2%	10±2%	7.93	1 SIDE SMOOTH/1 SIDE MATT	

