

# 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 industrial 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	
<b>MECHANICAL</b>				
Rubber compound - black			CSM	I
Density			1.30 ±0.05	g/cm <sup>3</sup>
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	%
<b>TEMPERATURE</b>				
Working temperature			-35/+125	°C
<b>AGEING</b>				
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	
<b>OIL RESISTANCE</b>				
Oil IRM 903, Δ volume after 70h at 70 °C	ISO 1817		≤40	%
<b>CHEMICAL RESISTANCE</b>				
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 <sup>2</sup> , nominal weight, and product code to allow product traceability.

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

CSM		CSM 60 SHEETING		H630	
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m <sup>2</sup>	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	

