

DATA SHEET

MP 01

Microporous EPDM rubber with closed cells and excellent resistance to weathering and UV radiation

COMPOSITION	EPDM
CELLULAR STRUCTURE	CLOSED CELL SPONGE RUBBER
COLOUR	BLACK, WHITE

HARDNESS	SHORE 00	45 ± 5
DENSITY (Kg/m³)	ISO 845-88	90 ± 20
COMPRESSION DEFLECTION	ASTM D1056-00 50%	90 kPa
COMPRESSION SET	ASTM D1056-00 / 50% / 22h 70°C	< 20%
WATER ABSORPTION	ASTM D 1056-00	< 2%
LINEAR SHRINKAGE	22 h 70°C	< 5%
ELONGATION AT BREAK	ISO 1798-97	≥ 180%
TENSILE STRENGTH	ISO 1798-97	≥ 450 kPa
TEMPERATURE RANGE	CONSTANT	-40°C / + 80°C
	INTERMITTENT	MAX + 85°C

RESISTANCE	AIR + U.V.	EXCELLENT
	OZONE	GOOD
	OIL	POOR
	ACIDS	GOOD
	FIRE RESISTANCE (FMVSS 302)	PASS

ENVIRONMENTAL PROTECTION	CFC & HCFC FREE
RECYCLING	CAN BE RECYCLED