



BJØRN HAMMER A/S

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EPDM 80 TUBE

TECHNICAL DATA SHEET

Product description

80.001000 is an EPDM compound (basis structure: ethylene propylene diene M-class rubber) is specifically suitable for extrusion.

Complete resistance to oxide, weather agents, ultraviolet rays and to ozone.

80.001000 is an EPDM compound approvable for food use according to FDA regulations paragraph E.

Application

The product has excellent mechanical properties.

At present the automotive industry is the most important user of EPDM products even if it is commonly used also for other applications such as lighting, households, wires, fittings for hoses and so on.

Safety instructions

Bjoern Hammer a/s can provide all important safety instructions, if required.

Mechanical and Physical Characteristics

HARDNESS TX 100A SH A.	COLOUR RAL	DENSITY ISO 2781 A g/cm ³	ELONGATION AT BREAK ISO 37 - Tipo 1 %	TEARING RESISTANCE ISO 37 - Tipo 1 N/mm ²
80	NERO	1,409	307	3
TENSILE STRENGTH ISO 37 - Tipo 1 N/mm ²	COMPRESSION SET % ISO 815 B %	WORKING TEMPERATURE °C	COMPOUND CODE	INTERNAL ITEM CODE
5,5	47	-40°C / + 110°C	80.001000	-

The physical-mechanic properties are related to the compound used

Chemical and physical behaviour

	Excellent	Good	Sufficient	Insufficient
Hot air up to 130°C		*		
Steam		*		
Weather agents	*			
Ozone	*			
Low temperature stiffness		*		
Aliphatic Hydrocarbons				*
Paraffin mineral oils				*
Chlorured solvents				*
Ketones		*		
Aggressive sulphuric acid			*	
Gentle acids			*	
Basis		*		
Flame				*
Water/Sea water		*		