



PHYSICAL PROPERTIES AND THECNICAL INFORMATION

TRADE NAME		COMPOSITION	
T 180 NBR		NBR	
CELLULAR STRUCTURE		CLOSED CELL SPONGE RUBBER	
COLOUR		BLACK	
HARDNESS	SHORE 00	45	
DENSITY (Kg/m³)	ISO 845-88	180 ± 25	
COMPRESSION DEFLECTION	ASTM D1056-00 50% (kPa)	150	
COMPRESSION SET 50%/ 22h 70°C	ASTM D1056-00	14 %	
WATER ABSORPTION	ASTM D 1056-00	<5 %	
LINEAR SHRINKAGE	22 h 70°C	< 5%	
ELONGATION AT BREAK	ISO 1798-97	≥ 150 %	
TENSILE STRENGTH	ISO 1798-97	≥ 600 kPa	
TEMPERATURE RANGE	CONSTANT	- 10 °C / + 90° C	
	INTERMITTENT	MAX + 100 °C	
RESISTANCE	AIR + U.V.	EXCELLENT	
	OZONE	MEDIUM	
	OIL	EXCELLENT	
	ACIDS	MEDIUM	
	FIRE RESISTANCE (FMVSS 302)	SELFESTINGUISHING HF1	
ENVIRONMENTAL PROTECTION		CFC & HCFC FREE	
RECYCLING		CAN BE RECYCLED	