



Manufacturer of Bridge Components

**ELASTOMER  
PHYSICAL AND MECHANICAL PROPERTIES**

**NATURE; POLYMER  
PRODUCTS; Expansion Joints & Bearing Pads**

*“Properties comparison with the most used Specifications”*

DATA SHEET						
TEST	UNITS	CNR10018	AASHTO	BS5400	SETRA	ASSAFLEX Properties
HARDNESS	SHOREA	60+/-5	60+/-5	60+/-5	60+/-5	65+/-5
TENSILE STRENGTH	Mpa	15.5>	17.2>	15.5>	12>	15.5>
ELAONGATION AT BREAK	%	350>	350>	350>	450>	420>
COMPRESSION SET conditions	H-c	25- 70	22-100	22-100	24-70	24-70
COMPRESSION SET	%	20<	35<	35<	20<	20<
OZON TEST 70°h-50pphm 38°c-%20 strain	Visual Examination	No cracks	No cracks	No cracks	No cracks	No cracks

