

TECHNICAL DATA SHEET

Last Updated: 04.11.2014

PRODUCT NUMBER	TPE
PRODUCT DESCRIPTION:	General use SBS series
ADDITIVE PACKAGES:	UV and Heat stabilizing package included

PROPERTIES	VALUE	UNIT	STANDARD
PHYSICAL			
HARDNESS (3 sec.)	60	Shore-A	ISO 868
DENSITY	1,13	gr/cm ³	ISO 2781

MECHANICAL			
%100 MODULUS	2	MPa	ISO 37
%300 MODULUS	3,5	MPa	ISO 37
TENSILE STRENGTH AT BREAK	6,1	MPa	ISO 37
ELONGATION AT BREAK	>500	%	ISO 37
WEAR RESISTANCE	*	mm ³	DIN 53516
TEAR STRENGTH	*	kN/m	ISO 34-1

COMPRESSION SET			
22 h - 70°C	55	%	ASTM D 395-03B
22 h - 23°C	*	%	ASTM D 395-03B

THERMAL			
Brittleness Temperature	-50	°C	ASTM D 746
Continuous max. Temp. Resistance	110	°C	ASTM D 746