



Ocean Rubber Factory

TECHNICAL DATA SHEET

Nr. : TD-AI-44 Issue: 2 Date : 10.05.2010.
COMPOUND CODE : AI065 HARDNESS : 65 ± 5 Shore A
COLOUR : BLACK TEMPERATURE RANGE : - 25 to 80°C

I. PHYSICAL PROPERTIES :

Sl.Nr.	DESCRIPTION	TEST METHOD	UNIT	SPECIFICATION
01.	Hardness	ISO 7619	Shore A	65±5
02.	Specific Gravity	ISO 2781	-	1.13 ±0.05
03.	Tensile Strength, Min.	ISO 37	kg/cm ²	160
04.	Elongation At Break, Min.	ISO 37	%	300
05.	Compression Set, Max. (22hrs@70°C)	ISO 815	%	25
06.	Accelerated ageing resistance. (24hrs@70°C)	ISO 188	-	-
6.1	Change in Hardness	ISO 7619	Shore A	± 5
6.2	Change in Tensile Strength, Max.	ISO 37	%	-10
6.3	Change in Elongation at Break, Max.	ISO 37	%	-20
07.	Tear strength, Min.	ISO 34-1	kg/cm	40
08.	Abrasion loss, Max.	ISO 4649	mm ³	120

II. GENERAL PROPERTIES :

09.	Resistance to Water	Excellent
10.	Resistance to Abrasion	Excellent
11.	Resistance to Weathering	Fair
12.	Resistance to Oxidative ageing	Good

The information shown above is correct and true to the best of our knowledge and is based on tests, in some cases or taken from internationally used reference guides. Values given are not to be considered as a warranty. For additional information regarding our product or for information concerning specification please contact ORF.