

# CERTIFICATE

## DURGO AIR ADMITTANCE VALVE

*AB Durgo hereby certifies that the Durgo Air Admittance valves (AAV) are made by us and that the goods are of Swedish origin. The valves are tested and manufactured in compliance with the European standard EN 12380.*

*The material in the valve is ABS plastic, type LOTTE CHEMICAL HG-0760AT, the diaphragm material is EPDM rubber type TRELLEBORG Mtrl.no. 70 60 011; see attached data sheets.*

*Approval.*

*Durgo's AAV's are CE marked in compliance with the European standard EN 12380*

*A declaration of conformity is supplied with every valve.*



*Hans Hansson  
Technical manager  
AB Durgo  
Solna, Sweden 2026-03-24*

**DURGO** 



<b>starex</b>	<b>Grade</b>	HG-0760AT
	<b>Resin Type</b>	ABS

General, Home Appliances

Item	Measuring Method	Condition	Unit	Value
<b>Physical</b>				
Specific Gravity	ISO 1183	Natural or representative	-	1.04
Melt Flow Index	ISO 1133	200°C, 5kg	g/10min	3.5
Mold Shrinkage(MD)	ISO 294-4	Flow at 2mm(MD)	%	0.3-0.6
Mold Shrinkage(TD)	ISO 294-4	X-Flow at 2mm(TD)	%	0.3-0.6
<b>Mechanical</b>				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	42
Tensile Strain at break	ISO 527	50mm/min	%	-
Tensile Modulus	ISO 527	50mm/min	MPa	-
Tensile Strength at Break	ISO 527	50mm/min	MPa	-
Flexural Strength	ISO 178	2mm/min	MPa	63
Flexural Modulus	ISO 178	2mm/min	MPa	2200
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	kJ/m <sup>2</sup>	16
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	kJ/m <sup>2</sup>	18
Rockwell Hardness	ISO 2039-2	R-scale	-	109
<b>Thermal properties</b>				
Heat Deflection Temperature(Unannealed)	ISO 75-2	1.8MPa, 4.0mm	°C	82
Heat Deflection Temperature(Unannealed)	ISO 75-2	0.45MPa, 4.0mm	°C	-
VICAT Softening Temperature	ISO 306	B/50	°C	94

1. The above figures are the representative values based on NP, which may vary from color to color, and can be used as a reference only for the purpose of selecting materials.
2. The above figures are basic guidelines for selecting materials; therefore, they are not regarded as the official specifications for materials involved, and cannot be used for the purpose of designing a mold.
3. The above values can be adjusted in accordance with processing conditions, and the specific change in value is allowed only within a limited range in which adjustment has no adverse or negative impact on the final product.

Information inserted in this document such as data, statements, representative values, etc. are provided solely for customer convenience. It does not expressly or impliedly guarantee anything regarding the safety or practicability of the (1) materials, (2) products, and/or (3) design that utilizes recommendations or proposals, of LOTTE Chemical. Furthermore, nothing in the contents of this document shall have any legal binding effect, and especially, the representative value is simply for reference and is not a minimum value that has legal binding effect.

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\* The last update date : 2020/03/27

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# DATA SHEET FOR EPDM RUBBER

## 70 60 011

Data listed here fall within the normal range of properties, but they should not be used to establish specification limits or used alone as the basis of design.

### SPECIFIED PROPERTIES

Specification	Unit	Typical Values	Limits	Test method
Polymer type		EPDM		
Colour		Black		
Density	kg/m <sup>3</sup>	1070	1050-1090	SS-ISO 2781
Hardness	°IRH	62	59-65	SS-ISO 48
Tensile strength	MPa	12	>10	SS-ISO 37
Elongation at break	%	225	>200	SS-ISO 37

#### Range of application:

Peroxide cured EPDM material for O-rings, seals and general rubber goods. Resistant to strong polar solvents. Excellent ozone and weather resistance. Good compression set properties.

#### 70 60 011 is approved by:

Volvo 92315-6, ASTM D2000 M3 DA 610 A26 B36 Z Z=EB min 200%

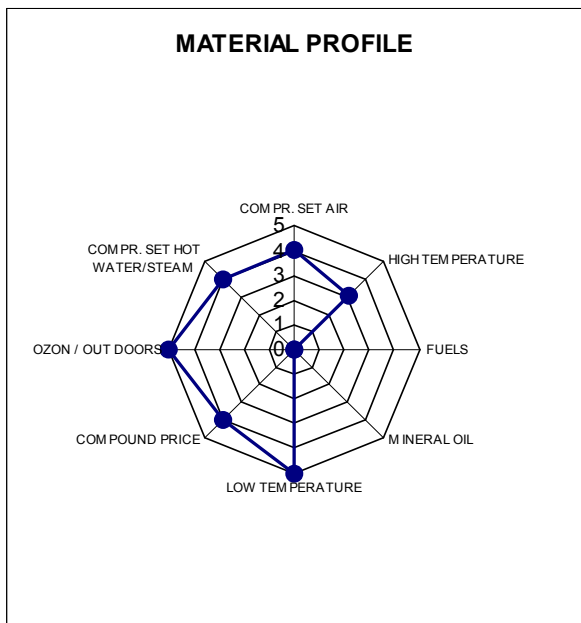
#### Notes:

TSS Code E6T40

For storage of finished parts; See SS-ISO 2230

**Non specified properties for 70 60 011**

Low Temperature Flexibility (TR 10)	-47°C
Compression set, O-ring 3,0 mm, 70h at 125°C	16%
Compression set, O-ring 3,0 mm, 2000h at +100°C	30%



**LEGEND**

Read graph as follows:

The higher value (1 to 5) the higher or better performance for the property in question.

For Compound Price, a high value =low price

The information in this data sheet is to be regarded only as basic. Normally our laboratory conducts a number of other tests and evaluations and the results are available to our business partners. Please contact us if you feel that more information is needed.

Issued by *Erica Forslund*

Date 2014-02-17