



Certificate of Analysis

Product Name: **SSP392TBLACK**

Batch Number: **HB011**

Report Issued: 2/22/2017

Description: *60 Duro Black*

A-A-59588B Class 3B Grade 60

Customer: **SPECIALTY SILICONE PRODUCTS**

Approved by: Brian Bayly

on: 8/26/2015

Test:	Spec:	Type:	Result:	Condition:
PURCHASE ORDER #	report	report	2/14/2017	
Appearance	Black	meets		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Shore A	55-65	range		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Tensile psi	1200	min		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Elongation %	400	min		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Tear B ppi	150	min		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Specific Gravity	1.16-1.22	range		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Comp Set % 70 hrs @ 100°C	25	max		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Bashore Resilience	35	min		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Flex Resistance 50,000 cycles, inch	0.5	max		P/C 15Min @ 116°C + 2 hrs. @ 200°C
Flex Resistance failure, cycles	report	report		
Shore change, points ±	10	max		H/A 70 hrs @ 200°C
Tensile Change %	-30	max		H/A 70 hrs @ 200°C
Elongation Change %	-35	max		H/A 70 hrs @ 200°C
Brittle Point -70°C (3 min. immersion)	5 of 5	pass		L/T 3 Minute Immersion
Volume change %	5	max		F/I 70 hrs @ 100°C in Water
Minimum(ML)	report	report		RH 3°,7 min.,240°F
Max (MH) @ 7 Minutes	report	report		RH 3°,7 min.,240°F
T1	report	report		RH 3°,7 min.,240°F
Date of Manufacture	report	report		
Expiration Date	report	report		

Release Status:

Hold

Date:

2/14/2017

Released by:

Ron Bushey

Shelf Life, months: 2

F=FREQUENCY

Code: 999 = indefinite

Product Instruction:

- All test specimen are Press Cured 15Min @ 116°C + Post Cures for 2 hrs. @ 200°C in a HAV Oven.
The Final parts that are made from this product should be conditioned the same.
- Store in conditions below 80°F (refrigerate if possible)

Batch Comment:

This Certificate of Analysis was issued electronically and is valid with out a signature. Specialty Silicone Products, Inc. holds all records electronically and its hard copy. Any Alteration to this certificate, other than by Specialty Silicone Products, Inc., will invalidate the certificate.

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