

Sri Dwarika Dheesh Polymers (P) Ltd

Plot No.F-448-449,M I A Alwar (Rajasthan)

***H.O. 136, Himayupur, LG Floor, Opp: B-6, 107, Safdarjung Enclave,
New Delhi-110029***

CERTIFICATE OF ANNALYSIS

REPORT NO . SAS/(QA-84)/06/16

Dt.25.06.2016

SAMPLE : UNICELL –ADC-PT

USE IN RUBBER/LDPE/EVA MIX SHEET

BATCH NO: 01/ADC-PT/06/16				
NO.of Bags 60 Nos. of 25 kg. each				
<i>S. NO.</i>	<i>PARAMETER</i>	<i>UNIT</i>	<i>Specification</i>	<i>RESULTS</i>
01.	<i>Main constituents</i>	---	<i>Azodicarbonamide</i>	<i>Azodicarbonamide</i>
02.	<i>Physical Appearance</i>	---	<i>Light- yellow fine powder</i>	<i>Light- yellow fine powder</i>
03.	<i>Decomposition Temperature (open capillary tube method)</i>	<i>Deg. C</i>	<i>120-123</i>	<i>120-123</i>
04.	<i>Moisture content</i>	<i>% w/w</i>	<i>0.5 Max.</i>	<i>0.3</i>
05.	<i>Ph (5% aq.suspension at 25 deg.C)</i>	---	<i>8.5±0.5</i>	<i>9.00</i>
06.	<i>Mesh (+300 B S S)</i>	<i>% w/w</i>	<i>0.5 Max.</i>	<i>0.20</i>
07.	<i>Gas content @ STP (Collected over water)</i>	<i>ml/ gm</i>	<i>135±5</i>	<i>138</i>

For SRI DWARIKA DHEESH POLYMERS PVT. LTD.

Manager Q/A.

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CERTIFICATE OF ANALYSIS

REPORT NO . SAS/(QA-75)/06/16

Dt. 25.06.2016

SAMPLE : UNICELL –ADC-EVA

USE IN RUBBER /EVA MIX SHEET

BATCH NO: 05/ADC-EVA/06/16				
NO.of Bags ...40 Nos. of 25 kg. each				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Appearance	---	Light- yellow fine powder	Light- yellow fine powder
03.	Decomposition Temperature (open capillary tube method)	Deg. C	122-127	122-127
04.	Moisture content	% w/w	0.5 Max.	0.2
05.	Ph (5% aq.suspension at 25deg.C)	---	8.5± 0.5	9.00
06.	Mesh (+300 B S S)	% w/w	0.5 Max.	0.30
07.	Gas content @ STP (Collected over water)	ml/ gm	140±5	140

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CERTIFICATE OF ANNALYSIS

REPORT NO . SDPL/(QA-60)/06/16

Dt.22.06.2016

SAMPLE : UNICELL –ADC-9A06

OUSE IN EVA INJECTION MOULDING ALONGWITH GRADE A15D(2 PORTION)

BATCH NO : 02/9A06/06/16

No. of Bags : 120 Nos of 25 kg. Each

<i>S. NO.</i>	<i>PARAMETER</i>	<i>UNIT</i>	<i>SPECIFICATION</i>	<i>RESULTS</i>
<i>01.</i>	<i>Main constituents</i>	<i>---</i>	<i>Azodicarbonamide</i>	<i>Azodicarbonamide</i>
<i>02.</i>	<i>Physical Apearance</i>	<i>---</i>	<i>Orange-Yellow Fine Powder</i>	<i>Orange- yellow fine Powder</i>
<i>03.</i>	<i>Decomposition Temprature (open capillary tube method)</i>	<i>Deg. C</i>	<i>200±3</i>	<i>198</i>
<i>04.</i>	<i>Moisture content</i>	<i>% w/w</i>	<i>0.5 % Max.</i>	<i>Nil</i>
<i>05.</i>	<i>Ph (5% aq.suspension at 25 deg.C)</i>	<i>---</i>	<i>7.00± 20</i>	<i>7.20</i>
<i>06.</i>	<i>Mesh (+400 B S S)</i>	<i>% w/w</i>	<i>0.2% Max.</i>	<i>Nil</i>
<i>07.</i>	<i>Gas content at STP (Collected over water)</i>	<i>ml/gm</i>	<i>240±5</i>	<i>244</i>
<i>08.</i>	<i>Average particle diameter (measured on M S Micro)</i>	<i>micron</i>	<i>10.00±1.0</i>	<i>9.0</i>

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CERTIFICATE OF ANNALYSIS

REPORT NO. SDPL/(QA-61/06/16

Dt. 23.06.2016

SAMPLE : UNICELL –ADC-A15D

USE IN EVA INJECTION MOULDING ALONGWITH GRADE 9A06 (1 PORTION)

BATCH NO: 02/A15D/04/16

NO.of Bags ...80 Nos. of 25 kg. each

S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Apearance	---	Light- yellow fine powder	Light- yellow fine powder
03.	Decomposition Temprature (open capillary tube method)	Deg. C	140 \pm 3	142
04.	Moisture content	% w/w	0.5 Max.	0.20
05.	Ph (5% aq.suspension at 25 deg.C)	---	8.5 \pm 1	9.1
06.	Mesh (+300 B S S)	% w/w	0.5 Max.	0.20
07.	Gas content @ STP (Collected over water)	ml/ gm	145 \pm 5	146
08.	Average particle diameter (measured on M S Micro)	micron	10 \pm 1.0	9.00

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CERTIFICATE OF ANNALYSIS

REPORT NO. SDDPL (QA-65)/06/016

Dt.19.06.2016

SAMPLE : UNICELL –ADC-H2

USE IN PVC/RUBBER/EVA

BATCH NO: 01/ADC-H2/06/16				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	--	Azodicarbonamide	Azodicarbonamide
02.	Physical Appearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temperature (open capillary tube method)	Deg. C	200 \pm 3	199
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	7.00 \pm 0.5	7.10
06.	Mesh (+400 B S S)	% w/w	0.20% Max	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	235 \pm 5	238
08.	Average particle diameter (measured on M S Micro)	micron	12 \pm 1	12

For Sri Dwarikadheesh Polymers Pvt. Ltd.

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CERTIFICATE OF ANNALYSIS

REPORT NO . SAS/(QA-74)/06/16

Dt. 23.06.2016

SAMPLE : UNICELL –ADC-L5

USE IN PVC/EVA/RUBBER

BATCH NO: 04/ADC-L5/06/16				
NO.of Bags : 120Nos. of 25 kg. each.				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Apearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temprature (open capillary tube method)	Deg. C	190 \pm 3	189
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	7.00 \pm 0.5	7.1
06.	Mesh (+400 B S S)	% w/w	0.50Max.	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	225 \pm 5	225
08.	Average particle diameter (measured on M S Micro)	micron	7 \pm 0.5	7

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CERTIFICATE OF ANNALYSIS

REPORT NO . SAS/(QA-170)/06/16

Dt. 26.06.2016

SAMPLE : UNICELL –ADC-XP

USE IN EVA INJECTION MOULDING – SINGLE PACK BLEND OF GRADE ADC-9A06 & A15D – EASY TO USE

BATCH NO: 06/ADC-XP/06/16				
NO.of Bags : 120 nos. of 25 kg. each.				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Apearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temprature (open capillary tube method)	Deg. C	170 \pm 3	169
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	9.00 \pm 0.5	8.90
06.	Mesh (+400 B S S)	% w/w	0.5Max.	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	175 \pm 5	172
08.	Average particle diameter (measured on M S Micro)	micron	9 \pm 0.5	9

For SRI DWARIKA DHEESH POLYMERS PVT.LTD.

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CERTIFICATE OF ANNALYSIS

REPORT NO. SAS/(QA-73)/06/16

Dt. 26.06.2016

SAMPLE : UNICELL –ADC-L2

USE IN PVC

<i>BATCH NO: 07/ADC-L2/06/16</i>				
<i>NO.of Bags : 124 Nos. of 25 kg. each</i>				
<i>S. NO.</i>	<i>PARAMETER</i>	<i>UNIT</i>	<i>Specification</i>	<i>RESULTS</i>
<i>01.</i>	<i>Main constituents</i>	<i>---</i>	<i>Azodicarbonamide</i>	<i>Azodicarbonamide</i>
<i>02.</i>	<i>Physical Apearance</i>	<i>---</i>	<i>orange- yellow fine powder</i>	<i>orange- yellow fine powder</i>
<i>03.</i>	<i>Decomposition Temprature (open capillary tube method)</i>	<i>Deg. C</i>	<i>198 ±3</i>	<i>198</i>
<i>04.</i>	<i>Moisture content</i>	<i>% w/w</i>	<i>0.5Max.</i>	<i>Nil</i>
<i>05.</i>	<i>Ph (5% aq.suspension at 25 deg.C)</i>	<i>---</i>	<i>7.00±0.5</i>	<i>7.20</i>
<i>06.</i>	<i>Mesh (+400 B S S)</i>	<i>% w/w</i>	<i>0.05Max.</i>	<i>Nil</i>
<i>07.</i>	<i>Gas content @ STP (Collected over water)</i>	<i>ML/ gm</i>	<i>240±5</i>	<i>237</i>
<i>08.</i>	<i>Average particle diameter (measured on M S Micro)</i>	<i>micron</i>	<i>7±0.5</i>	<i>7</i>

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CERTIFICATE OF ANNALYSIS

REPORT NO. SDDPL (QA-80)/06/16

Dt.27.06.2016

SAMPLE : UNICELL –ADC-F2

USE IN PVC/ARTIFICIAL LEATHER

BATCH NO: 01/ADC-F2/06/16				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	--	Azodicarbonamide	Azodicarbonamide
02.	Physical Appearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temperature (open capillary tube method)	Deg. C	200 \pm 3	198
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	7.00 \pm 0.5	7.10
06.	Mesh (+400 B S S)	% w/w	0.20% Max	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	235 \pm 5	238
08.	Average particle diameter (measured on M S Micro)	micron	5 \pm 1	5.7

For Sri Dwarikadheesh Polymers Pvt. L td.

Manager Q/A

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CERTIFICATE OF ANNALYSIS

REPORT NO . SDDPL/(QA-68/06/16

Dt.28.06.2016

SAMPLE : UNICELL –ADC-9075

USE IN EVA SHEET/LDPE SHEET/HDPE SHEET/ABS SHEET/ROTTER MOULDING

BATCH NO: 68/06/2016				
NO.of Bags : 120				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Appearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temperature (open capillary tube method)	Deg. C	190 \pm 3	189
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	7.00 \pm 0.5	7.2
06.	Mesh (+400 B S S)	% w/w	0.5%Max.	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	225 \pm 5	224
08.	Average particle diameter (measured on M S Micro)	micron	6 \pm 1	6

For SRI DWARIKA DHEESH POLYMERS (P) LTD

Manager Q/A

Sri Dwarikadheesh Polymers Pvt.Ltd

Plot No. F-448-449 M.I.A. Alwar (Raj.) Phone No. 08696901901

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CERTIFICATE OF ANNALYSIS

Report No.SDPPL/QA -122)/06/2016

Date: 28.06.2016

Sample- Unicell DNPT-Gr-I Batch No.09/Gr-I/06/2016

No. of Bags : 40 Nos of 25 kg.each				
SR. No.	PARAMETERS	UNIT	SPECIFICATION	RESULT
01	Main Constitunets	---	Dinitrosopentame thylenetetramine	Dinitrosopentamethylenet etramine
02	Physical Apearance	---	Creamish white Powder	Creamish white Powder
03	Decomposition Temprature (open capillary tube method)	Dec.C	190° c ±3	189°c
04	Moisture content	%w/w	0.5% Max	Nil
05	Odour	---	Odourless	odourless
06	pH (5% aq.suspension at25deg.C)	---	8.00±0.5	8.20
07	Mesh(+300 B S S)	%w/w	0.2% Max	0.1
09	Gas content at STP (collected over water)	ml/gm	195±5	195

for Sridwarikadheesh polymers pvt.ltd.

Auth.sign.

Sri Dwarika Dheesh Polymers (P) Ltd.

M I A ALWAR (Raj)

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CERTIFICATE OF ANNALYSIS

REPORT NO . SDDPL/(QA-68/07/16

Dated: 01/07/2016

SAMPLE : UNICELL –ADC-RX-5

BATCH NO: 68/07/2016				
NO.of Bags : 120				
S. NO.	PARAMETER	UNIT	Specification	RESULTS
01.	Main constituents	---	Azodicarbonamide	Azodicarbonamide
02.	Physical Appearance	---	orange- yellow fine powder	orange- yellow fine powder
03.	Decomposition Temperature (open capillary tube method)	Deg. C	200 \pm 3	199
04.	Moisture content	% w/w	0.5Max.	Nil
05.	Ph (5% aq.suspension at 25 deg.C)	---	7.00 \pm 0.5	7.2
06.	Mesh (+400 B S S)	% w/w	0.5%Max.	Nil
07.	Gas content @ STP (Collected over water)	ml/ gm	230 \pm 5	229
08.	Average particle diameter (measured on M S Micro)	micron	4-6	4.7

For SRI DWARIKA DHEESH POLYMERS (P) LTD

Manager Q/A