

S. S. BLOW CHEM PVT. LTD.

CHEMICAL BLOWING AGENTS for Plastics and Rubbers

MICROCELL		AZODICARBONAMIDE GRADE		
Grade	Particle size d 0.5	Gas ml/gm at STP	DT C^o	Applications
ADC – Z40	40 ± 2	230 ± 5	193 ± 3	For low density cross linked PE/PP Foams.
ADC – Z35	35 ± 2	235 ± 5	193 ± 3	For low density cross linked PE Foams.
ADC – Z25	25 ± 2	230 ± 5	200 ± 3	For low density cross linked PE and thick section rigid PVC Foams.
ADC –H-18	18 ± 2	235 ± 5	200 ± 3	For low density cross linked PE.
ADC –H-15	15 ± 2	235 ± 5	200 ± 3	For low density cross linked PE and PVC Foams.
ADC –H2	11 ± 1	235 ± 5	200 ± 3	For the production of foamed articles based on PVC, PP, HDPE, LDPE, ABS, rubbers, most Suitable in PVC calendar foams and ABS and PP extruded foams.
ADC – L2	7 ± 0.5	235 ± 5	200 ± 3	PVC leather cloth by spread coating.
ADC – F2	5 ± 0.5	235 ± 5	200 ± 3	PVC leather cloth by spread coating.
ADC – F1	4 ± 0.5	235 ± 5	200 ± 3	Artificial leather cloth and insulation products.
ADC – F0	3 ± 0.5	235 ± 5	200 ± 3	Artificial leather cloth and insulation products.
ADC – H5	11 ± 1	230 ± 5	191 ± 2	Rigid PVC foamed sheets and pipes.
ADC – L5	7 ± 0.5	230 ± 5	191 ± 2	PVC shoe soles, EVA Slippers, PE extrusion, LDPE rotational moulding and rubber foams.
ADC – F5	5 ± 0.5	230 ± 5	191 ± 2	Thicker artificial leather cloth (4 mm and more)
ADC – F3	4 ± 0.5	230 ± 5	191 ± 2	Thicker artificial leather cloth (4 mm and more)
ADC – CD 100	11 ± 0.5	235 ± 5	200 ± 2	For EVA Injection Moulding
MICROCELL		MODIFIED AZODICARBONAMIDE GRADE		
ADC – F49	5 ± 0.5	227 ± 3	198 ± 2	For whiter leather cloth by spread coating.
ADC – FCI	5 ± 0.5	225 ± 5	200 ± 2	Non explosive version of ADC – F2.
ADC – AT	5.5 ± 0.5	-	160 ± 3	for extruded white rigid PVC Sheets

ADC – LCP	7 ± 0.5	-	197 ± 3	For Pb stabilized rigid PVC pipes/ profiles And sheets
ADC – FT / LT	5.5 ± 0.5	200 ± 5	180 ± 2	for whiter PVC shoe soles
ADC – W	5.5 ± 0.5	-	144 ± 2	for whiter PVC shoe soles
ADC – AD 500	-	-	148 ± 3	For EVA injections Moulding
ADC – EV	-	125 ± 3	130 ± 5	for thicker compression moulded EVA foamed Sheets
ADC – 21	-	198 ± 2	160 ± 3	for closed polychloroprene rubber, EPDM & PVC Foams
ADC – HP/ LP	-	190 / 198 ± 2	180/190 ± 5	For extrusions LDPE/ HDPE/ PP Films
ADC – NPA	8.0 ± 0.5	-	193 ± 2	For PP/HDPE extrusion and injection Moulding.For gas assisted PVC injection Moulding
ADC – NPB	8.0 ± 0.5	-	172 ± 2	For LDPE extrusion and TPE injection Moulding, for gas assisted PVC injection Moulding
ADC – HS 1	-	-	176 ± 3	for 2/3 layer LLDPE rotomoulded water tank.

MICROCELL	DINITROSOPENTAMETHYLENETETRAMINE GRADE			
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PT	-	120 ± 5	121 ± 2	for thicker compression moulded EVA/ LDPE Foamed sheets
EW	-	125 ± 5	120 ± 2	For temperature EVA/Dutch Sheets
MICROFOAM BN/DNPT (80%)	-	-	195 ± 5	for cellular rubber products

MICROCELL	SULFONYL HYDRAZIDE GRADES			
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TSH	-	110 ± 5	110 ± 3	for epoxy foams, rubber cloth laminates, Sponge rubber and slipper soles.
TSH – WET	-	-	105 – 108	Non dusty version for epoxy foams, rubber cloth Laminates, sponge rubber and slipper soles.
OBSH	-	120 ± 5	153 ± 3	for coaxial cables, EPDM Profiles, light color PVC foot wear and micro cellular rubbers.
OBSH – WET	-	100 ± 5	152 ± 2	Non dusty version for coaxial cables, EPDM

Profiles, light color PVC footwear and micro
Cellular rubbers

BSH - - for injection moulded PS, PPO, HIPS, ABS,
PP, HDPE and rigid PVC

SULFONYL SEMICARBAZIDE GRADES FOR HIGH TEMPERATURE PROCESSING

TSSC 5.0 ± 1.0 135 ± 5 222 ± 3 for injection moulded PS, PPO, HIPS, ABS, PP,
HDPE, and rigid PVC

BSSC 5.0 ± 1.0 145 ± 5 215 ± 2 for injection moulded PS, PPO, HIPS, ABS, PP,
HDPE and rigid PVC

MICROCELL

2, 2'- AZOBIS (ISOBUTYRONITRILE)

AZDN (FF/CP) - 125 ± 5 101 ± 2 for thick section PVC foam and low
Temperature processing of silicone rubbers