

Additives for Flexible Slabstock Foam



Dabco® DC Silicones

Conventional Foam	DC5188	DC5901	DC5906	DC5950
Density range (kg/m3)	12-22	15-40	14-35	20-40
Processing latitude	low	high	med/high	med/high
Efficiency	high	medium	med/high	low/med
Suitable for FR Foams	•	•	•	•
Suitable for CO ₂	•	•	•	•
HR Foam				DC2584
General purpose				•
Polyester Foam				DC5526
General purpose				•

Dabco® Amine Catalysts

Conventional/HR Foam	33-LV	BLV	BL-11	2021
Gel Catalyst	•			
Balanced Catalyst		•		
Blowing Catalyst			•	
Hardening Catalyst				•
Relative use level (TEDA = 1)	3	2.5	1	4
Polyester Foam				
	BDMA	2039	NE400	
General Purpose	•			
Reduced Odor		•	•	
Non Fugitive				•
Relative use level (BDMA = 1)	1	0.7	0.5	

Dabco® Tin Catalysts

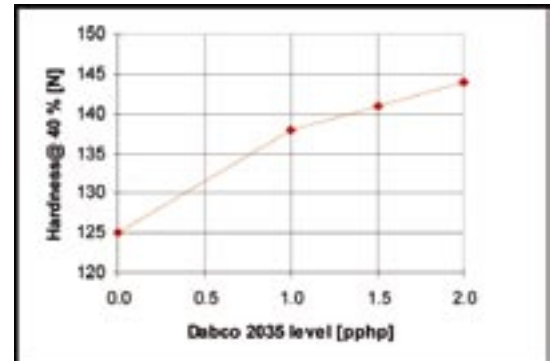
	T9	T12N
Conventional Foam	•	
HR Foam	•	•

Dabco® Non Fugitive Catalysts

	NE400	NE500	NE600
Non Fugitive	•	•	•
Blow Catalyst			•
Gel Catalyst		•	
Balanced Catalyst	•		
Ester Foam	•		
Ether Foam		•	•
Relative use level (TEDA = 1)	2.5	3	2.5

Dabco® 2035 Hardening Additive

A use level of up to 2pph increases hardness by 20%



This technology was designed for use in conventional foams, but also may be used in HR foams where additional load bearing is required.

Dabco® Scoba AS45 Antioxidant Additive

DABCO SCOBA AS45 is a liquid antioxidant system designed for all kinds of polyurethane applications. It has been primarily developed for use in polyether and polyester flexible slabstock applications.

Conventional Polyol (MW 3500, OH number 48)		100		80	
Polymer Polyol (10%, OH number 43)	100		100	20	100
Water	5.4	4.7	4.4	4.0	3.6
DABCO® 33LV	0.18	0.18	0.12	0.12	0.15
DABCO® BL-11	0.06	0.06	0.04	0.04	0.05
DABCO® DC 5906	1.8	1.2	1.0	1.0	1.0
Methylene Chloride	13	6	-	-	-
DABCO® T-9	0.34	0.31	0.19	0.19	0.21
TDI 80/20	68.0	58.5	54.1	51.8	45.6
Index	<115>	<110>	<110>	<112>	<110>
Density (Kg/m³)	14	18	22	25	28

The 3:1 ratio of DABCO® 33LV:BL-11 advised above is also available in a pre-blend as Dabco® BLV

Alcupol F-4811		100		80	
Alcupol P-4311	100		100	20	100
Water	5.4	4.7	4.4	4.0	3.6
DABCO® 33LV	0.18	0.18	0.12	0.12	0.15
DABCO® BL-11	0.06	0.06	0.04	0.04	0.05
DABCO® DC 5906	1.8	1.2	1.0	1.0	1.0
Methylene Chloride	13	6	-	-	-
DABCO® T-9	0.34	0.31	0.19	0.19	0.21
TDI 80/20	68.0	58.5	54.1	51.8	45.6
Index	<115>	<110>	<110>	<112>	<110>
Density (Kg/m³)	14	18	22	25	28

The 3:1 ratio of DABCO® 33LV:BL-11 advised above is also available in a pre-blend as Dabco® BLV

tell me more
[www.airproducts.com/
 puradditives](http://www.airproducts.com/puradditives)