

## Additives for Shoe Soles



### Dabco® Amine Catalysts

	Crystal	EG	25-S	1027	1028
MEG based systems	•	•		•	
1.4 BDO based systems	•		•		•
Delayed action catalyst <i>(Improved cure for reduced demould times and/or extended cream time)</i>				•	•

### Dabco® Tin Catalysts

	T12N	120
Co-catalyst	•	•
Improved cure	•	•

### Dabco® DC Silicone- & LK® Non-Silicone Surfactants

	DC193	DC3042	DC3043	LK221E
General purpose	•			
Improved adhesion in dual shot systems				•
Improved cell structure & surface		•		
Improved dimensional stability (less shrinkage)			•	

### All Water Blown Shoe-Sole Formulation for Catalyst Testing

Formulation Identification	Control	Delayed Cream option	Fast Demould option
Components	PPHP	PPHP	PPHP
Polyester Polyol 45.5 OH#	100.0	100.0	100.0
Ethylene Glycol	7.0	6.8	6.2
Water	0.6	0.6	0.6
Dabco DC-193	0.5	0.5	0.5
Dabco EG	1.5	1.0	1.0
Dabco 1027	–	0.2	0.6
Index	<98>	<100>	<100>

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