

## Product Lines



### Aqueous Emulsion type

Product	Solid Content	Ionic Character	Product Properties
AG-E061	20%	Mildly Cationic	AG-E061 is suitable for a broad range of different applications and is appropriate for synthetic fibers or natural fibers.
AG-E081	30%	Mildly Cationic	AG-E081 offers outstanding, long-lasting and durable water and oil repellency on synthetic and natural fibers as well as for blended yarns and wovens.
AG-E082	20%	Mildly Cationic	AG-E082 yields excellent water and oil repellency as well as a stain removability on a wide range of fabrics.
AG-E092	20%	Mildly Cationic	Fabrics processed with AG-E092 have soft textures and good water and oil repellency. AG-E092 may be used for either synthetic or natural fibers.
AG-E400	20%	Mildly Cationic	AG-E400 gives a moderate water repellency for natural and/or synthetic fibers.
AG-E500D	30%	Mildly Cationic	AG-E500D yields excellent water repellency and gives a soft texture to synthetic fibers - even under adverse conditions such as heavy rain.
AG-E550D	30%	Nonionic	AG-E550D has better compatibilities with a variety of additives and offers excellent and durable water and oil repellency on various types of textiles, particularly made by synthetic fibers. AG-E550D also impart excellent liquid repellency to various type of nonwovens.
AG-E700D	30%	Mildly Cationic	AG-E700D offers excellent and durable water and oil repellency on synthetic fibers - even under adverse conditions such as heavy rain. And it can be suitable for breathable coating use.
AG-E300D	30%	Nonionic	AG-E300D has better compatibilities with a variety of waterborne dispersion resins and other additives so as to be suited for wide-ranging applications.
AG-E600	25%	Amphoteric	AG-E600 can impart superior alcohol / water repellency and hydrostatic head performance to polyolefin nonwovens.

### Aqueous Dispersion type

AG-E100	20%	Mildly Cationic	A "next generation" product that imparts good oil repellency and stain release properties in conjunction with machine washing. May be used for polyester, cotton or cotton/poly blends.
AG-E060	20%	Mildly Cationic	AG-E060, E070, E080 can give a fabulous water and oil proof properties on paper, paperboard and molded products in various papermaking condition. Thanks to food contact registration of FDA and BfR*1 it can be available in many applications. *1) BfR approval of E080 is under review.
AG-E070	25%	Mildly Cationic	
AG-E080	15%	Anionic	

#### AGC Chemicals

AGC Chemicals (Japan)  
Tel +81 3 3218 5504

AGC Chemicals Europe, Ltd. Commercial Centre  
Tel +31 20 880 4176

AGC Chemicals Americas, Inc.  
Tel +1 610 423 4300

[www.asahiguard.jp/eng/index.html](http://www.asahiguard.jp/eng/index.html)  
[www.asahiguard.eu](http://www.asahiguard.eu)

AGC Chemicals Trading (Shanghai) Co., Ltd.  
Tel +86-21-63862211

AGC Vidros do Brasil Ltda.  
Tel +55 11 3373-9981