



**PORTLAND CEMENT
FIELD SECTION 1019 TABLE 2
QUALIFIED BRANDS AND MANUFACTURERS
OF CEMENT PROCESSING ADDITIONS
(1019PCPA)**

<u>Brand</u>	<u>Manufacturer</u>	<u>Maximum Percent by Wt. of cement</u>
Acetic Acid	Various	0.041
AMA SAX (08/10)	Chryso, Inc. Rockwall, TX	Type 1 – 0.30
BMI 50 (4/96)	Bulk Materials International, Inc. Knoxville, TN	0.05
Busperse 49	Buckman Laboratories Memphis, TN	0.030
CBA (4/97)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.078
CBA/KMCO G-2 25%/75% (4/01)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.057
CGA-3 (7/94)	CHRYSO, Inc. Muskegon, MI	0.061
CGA-10 (7/94)	CHRYSO, Inc. Muskegon, MI	0.059
CGA 4DW (12/95)	CHRYSO, Inc. Muskegon, MI	Type I – 0.025
DDA-7	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.039
DDA-7/MTDA 1-1 blend by weight	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.035
Dow 1693	Dow Chemical Company Midland, MI	0.025
ESE A (7/03)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140	0.050



**PORTLAND CEMENT
 FIELD SECTION 1019 TABLE 2 Continued
 QUALIFIED BRANDS AND MANUFACTURERS
 OF CEMENT PROCESSING ADDITIONS**

<u>Brand</u>	<u>Manufacturer</u>	<u>Maximum Percent by Wt. of cement</u>
ESE N (7/03)	W. R. Grace & Co 62 Whittemore Ave. Cambridge, MA 02140	0.067
EXP A (7/03)	W. R. Grace & Co 62 Whittemore Ave. Cambridge, MA 02140	0.060
EXP N (7/03)	W. R. Grace & Co 62 Whittemore Ave. Cambridge, MA 02140	0.065
HEA-2	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.051
HEA-2/MTDA 50%/50% (6/99)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.0455
LGA (06/03)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.043
LGA/N (06/03)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.035
LGA/N50 10% CBA, 38.9% HEA 32.5% MTDA, 18.6% H ₂ O	W.R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	Type 1 – 0.078
MTDA/CBA 75%/20%/5% H ₂ O (4/97)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.045
MTDA	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.040



**PORTLAND CEMENT
 FIELD SECTION 1019 TABLE 2 Continued
 QUALIFIED BRANDS AND MANUFACTURERS
 OF CEMENT PROCESSING ADDITIONS**

<u>Brand</u>	<u>Manufacturer</u>	<u>Maximum Percent by Wt. of cement</u>
MCH	Mapei/GRT 2978 Center Court Eagan, MN 55121	0.06
NRG 33	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.044
NRG 100	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.035
KMXO-77	KMCO, Inc. Houston, TX	0.042
KMCO-77XF	KMCO, Inc. Houston, TX	0.067
KMCO G-2	KMCO, Inc. Houston, TX	0.050
QGA-AA (11/00)	Quality Grinding Aids 626 West Alabama Houston, TX 77006	0.125
OGA-GL (11/00)	Quality Grinding Aids 626 West Alabama Houston, TX 77006	0.139
OGA-GLB (70/30 GL/AA (03/02)	Quality Grinding Aids 626 West Alabama Houston, TX 77006	0.135
Platinum 2000 Series (Amine Acetate) (01/06)	PF Technologies, Inc. 759 Northgate Circle New Castle, PA 16105	Type I – 0.035
Platinum 4000 Series (DEG) (01/06)	PF Technologies, Inc. 759 Northgate Circle New Castle, PA 16105	Type I – 0.035



**PORTLAND CEMENT
 FIELD SECTION 1019 TABLE 2 Continued
 QUALIFIED BRANDS AND MANUFACTURERS
 OF CEMENT PROCESSING ADDITIONS**

<u>Brand</u>	<u>Manufacturer</u>	<u>Maximum Percent by Wt. of cement</u>
ProCem A3 (10/05)	Holcim (US) Inc. Midlothian, TX	Type I – 0.9
RDA (05/07)	WR Grace 62 Whittemore Ave. Cambridge, MA 02140-1692	Type I – 0.074 Type III – 0.190
RII-77	Roan Industries West Chester, PA	0.060
RI-77AA	Roan Industries West Chester, PA	0.06
RI-85	Roan Industries West Chester, PA	0.06
Sikagrind 455 GNT	Sika Corporation Conyers, GA	Type I/II – 0.08 Type III – 0.09
Sikagrind 872	Sika Corporation 1515 Titanium Drive Ottawa, IL 61350	0.05
TDA J (6/99)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	Type I – 0.25 Type II – 0.087
TDA Z (11/02)	W. R. Grace & Co. 62 Whittemore Ave. Cambridge, MA 02140-1692	0.18
UCAR CGA1 (11/94)	CHRYSO, Inc. Muskegon, MI	0.066
UCAR CGA #2 (11/94)	CHRYSO, Inc. Muskegon, MI	0.050
UCAR CGA #4 JB (11/94)	CHRYSO, Inc. Muskegon, MI	0.050 Type III – 0.099
UCAR CGA #5 (11/94)	CHRYSO, Inc. Muskegon, MI	0.037

