



Omya UK - a leading manufacturer of elastomer bound chemical dispersions >>

MULTISPERSE® is the name of the well known range of elastomer bound chemical dispersions produced by Omya UK at its Humber UK factory.

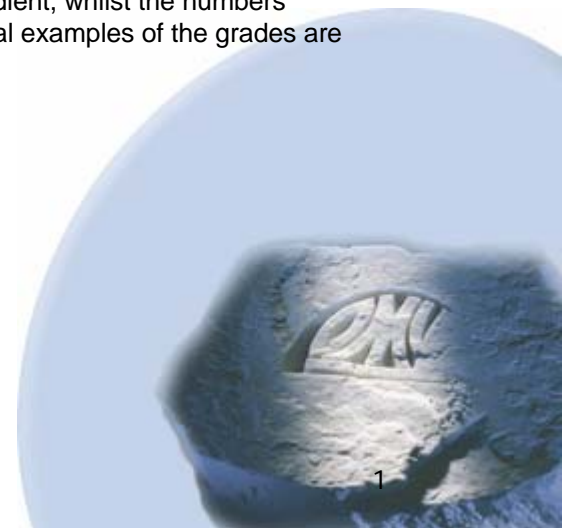
The **MULTISPERSE®** grade identification follows a well established practice with the grade number giving information on the binder system used, the active ingredient, the percentage concentration and the physical form.

The first letter of the grade provides the binder type, the middle section identifies the active ingredient, whilst the numbers define the active ingredient concentration and the suffix letter describes the physical form. Typical examples of the grades are as follows:



EDITION: 27.02.2006
6_PRODINFO: 348
VERSION: 007

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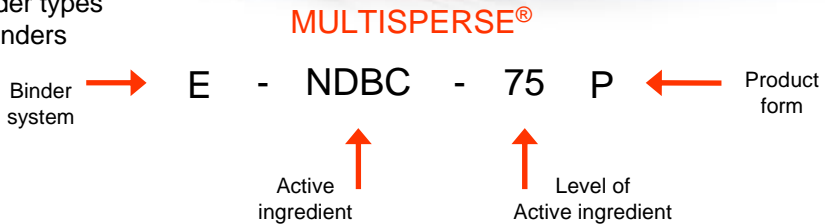




MULTISPERSE® Products



The following table describes the main binder types and physical forms currently used (other binders could be available on request) :

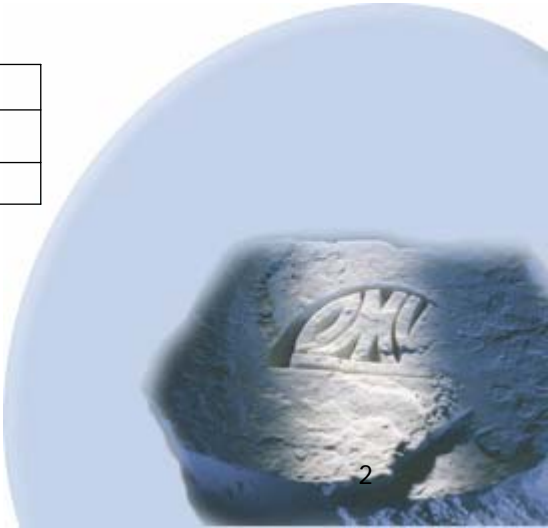


BINDER TYPES		
A = Acrylonitrile Butadiene (NBR)	E= Ethylene propylene	K = Chlorinated polyethylene
P = PolyisobutyleneR	R= Polyisoprene	S= Styrene butadiene

PHYSICAL FORMS		
No letter = Standard slab	R = Roller quality slab	P = Pellet form

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MULTISPERSE® Products



PACKAGING (Net Weight Carton kg)

ACTIVE MATERIAL

MULTISPERSE® GRADE

1. ACCELERATORS

Dithiocarbamates

NDBC
TDEC
ZBEC
ZDEC
ZDBC

E - NDBC - 75
E - TDEC - 75
E - ZBEC - 70
E - ZDEC - 75
E - ZDBC - 75

SLAB PELLET

NA 15
NA 18
NA 15
NA 18
NA 15

Sulphenamide

CBS
CBS
CBS
TBBS

A - CBS - 75
E - CBS - 75
S - CBS - 75
E - TBBS - 80

20 NA
NA 15
NA 16
NA 16





Polymer Business Unit

MULTISPERSE® Products



PACKAGING (Net Weight Carton kg)

ACTIVE MATERIAL

Thiazoles

MBT
MBT
MBTS
MBTS
MBTS

Thiurams

MPTD
TMTD
TMTD
TMTM
DPTT

MULTISPERSE® GRADE

E - MBT - 75
S - MBT - 75
A - MBTS - 75
E - MBTS - 75
S - MBTS - 75

A - MPTD - 70
A - TMTD - 70
E - TMTD - 75
E - TMTM - 75
E - DPTT - 75

SLAB

PELLET

NA	18
NA	18
20	NA
NA	18
NA	18
20	NA
20	15
20	15
NA	18
20	18

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Polymer Business Unit

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Others

DETU
 DIAK NO.1
 DOTG
 DPG
 DPTU
 ETU
 HVA-2
 Dichlorophenyldimethyl urea
 ZBPD

MULTISPERSE® GRADE

	SLAB	PELLET
E - DETU - 75	NA	13
K - DK1 - 65	20	NA
E - DOTG - 70	NA	15
E - DPG - 75	NA	15
E - DPTU - 75	NA	16
E - ETU - 75	NA	16
E - HVA 2 - 70	20	16
E - KD - 75	20	NA
E - ZBPD - 50	NA	16

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MultiSpers® Products

ACTIVE MATERIAL

2. CURATIVES & STABILISERS

LEAD PRODUCTS

Dibasic lead phosphite
 Dibasic lead phthalate
 Dibasic lead phthalate
 Litharge (PbO)
 Litharge (PbO)
 Litharge (PbO)
 Litharge (PbO)
 Litharge (PbO)
 Litharge (PbO)
 Red lead(cable grade)(Pb₃O₄)
 Red Lead (Pb₃O₄)
 Red lead (Pb₃O₄)
 Red lead (Pb₃O₄)

MAGNESIUM OXIDE

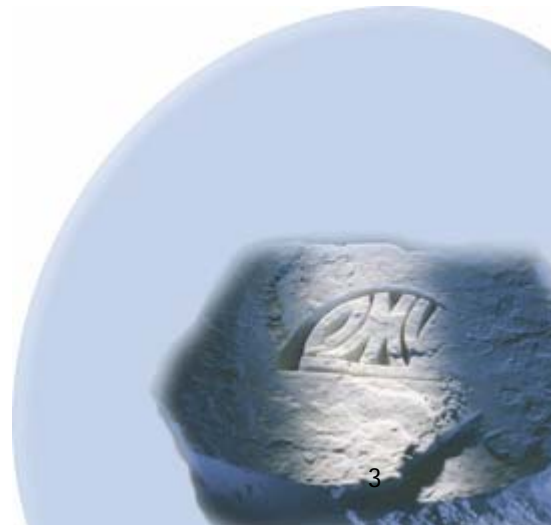
Magnesium oxide

MULTISPERSE® GRADE

PACKAGING
(Net Weight Carton kg)

SLAB PELLET

K - DPS - 80	25	20
E - DYT - 80	20	NA
K - DYT - 80	NA	20
E - LD - 90	25	25
K - LD - 90	NA	25
P - LD - 90	25	NA
R - LD - 85	25	NA
S - LD - 90	NA	25
E - RD - 90E	25	25
E - RD - 90	NA	25
K - RD - 80	NA	25
P - RD - 90	25	NA
E - MGO - 75	NA	25





MULTISPERSE® Products



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SLAB PELLET

PEROXIDE

Dicumyl peroxide

E - DCP - 40

NA

16

SULPHUR PRODUCTS

Insoluble sulphur

E - IS - 75

25

NA

Insoluble sulphur

S - IS - 60

15

NA

Insoluble sulphur

S - IS - 70

NA

18

Soluble sulphur

A - SD - 75

25(R)

20

Soluble sulphur

R - SD - 75

25

NA

Soluble sulphur

S - SD - 75

25(R)

NA

ZINC OXIDE

Zinc oxide

A - ZD - 85

25

20

Zinc oxide

E - ZD - 85

25

20

Zinc oxide

K - ZD - 80

NA

20

Zinc oxide

S - ZD - 85

25

NA

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SLAB PELLET

3. FLAME RETARDANTS

Antimony trioxide	E - ATR - 80	NA	20
Antimony trioxide	K - ATR - 90	NA	25
Antimony trioxide/Decabromodiphenyloxide blend	K - 620 - 80	NA	18

4. BLOWING AGENTS

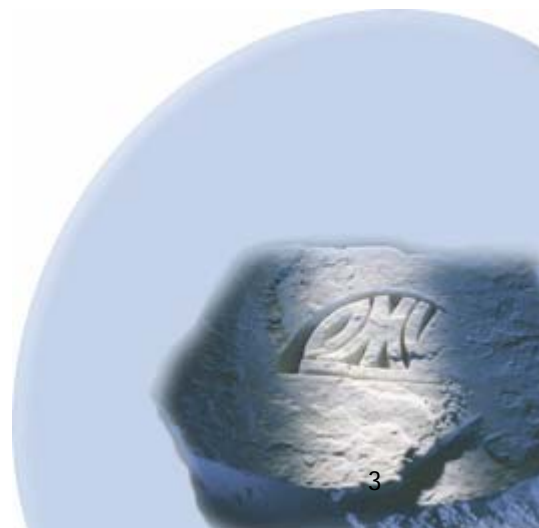
Azodicarbonamide	E - AZO2 - 75	NA	17
Azodicarbonamide	E - AZO4 - 75	NA	17
Azodicarbonamide(activated)	E - AZOR - 75	23	17
pp'oxybis(benzenesulphonylhydrazide)	E - OBSH - 75	23	17

5. DESICCANTS

Calcium oxide	E - CAO - 80	NA	25
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MULTISPERSE® GRADE

SLAB

PELLET

6. MISCELLANEOUS PRODUCTS

N-(cyclohexylthio)phthalimide
 Pentaerythritol
 PTFE
 Sodium Stearate
 Titanium dioxide
 Hexamine

S - CTP - 80	NA	18
E - P2 - 70	NA	15
A - PTFE - 80	NA	25
ACM - NaSt - 70	NA	15
A - T I - 80	20	NA
S - HEXA - 80	NA	15

Packed in polyethylene lined cartons.

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