



Additive Application Guidelines

PRODUCT FORMS

L = liquid
P = powder
PL = pellet
F = flake

Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
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ANTIOXIDANTS

Product	Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
BNX 1000	L	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 1010	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 1035	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 1076	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 1077	L	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 2000	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 2246	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX TAHQ	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX MD-1024	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX MD-1097	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Benefos 1680	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 8000	F	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX DLTPD	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

ANTIOXIDANT BLENDS

Product	Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
BNX 1225	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 1225 TPR	PL	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BNX 5010 TPR	PL	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

UV ABSORBERS

Product	Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
BLS 234	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 531	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1326	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1328	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1710	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 5411	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

HINDERED AMINE LIGHT STABILIZERS (HALS)

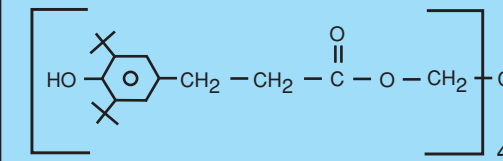
Product	Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
BLS 292	L	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1622	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1770	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BLS 1944	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

OPTICAL BRIGHTENERS

Product	Product Form	FDA Approved	Polyester	Polyethylene	EVA	Polypropylene	PVC	ABS	Polystyrene	Polycarbonate	Polyacetal	PET, PBT	Polyamide	Acrylics	SIS, SBS, SEBS	SBR, BR, NBR	NR, EPDM
Benetex OB	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Benetex OB Plus	P	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Benetex OB-EP	L	★	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

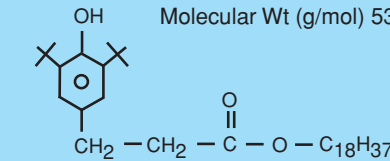
BNX 1010

CAS No. 6683-19-8
Molecular Wt (g/mol) 1178



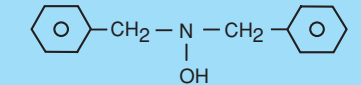
BNX 1076

CAS No. 2082-79-3
Molecular Wt (g/mol) 531



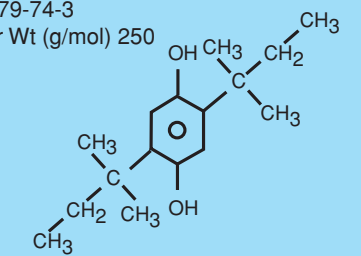
BNX 2000

CAS No. 621-07-8
Molecular Wt (g/mol) 213



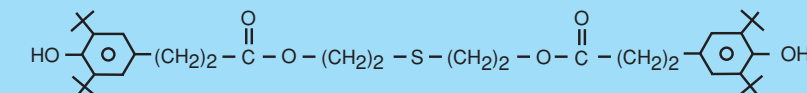
BNX TAHQ

CAS No. 79-74-3
Molecular Wt (g/mol) 250



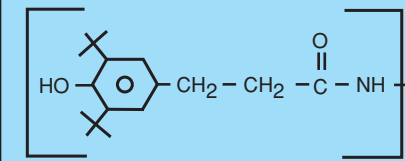
BNX 1035

CAS No. 41484-35-9
Molecular Wt (g/mol) 642



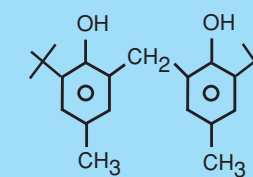
BNX MD-1024

CAS No. 32687-78-8
Molecular Wt (g/mol) 553



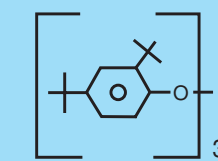
BNX 2246

CAS No. 119-47-1
Molecular Wt (g/mol) 341



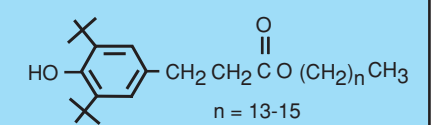
Benefos 1680

CAS No. 31570-04-4
Molecular Wt (g/mol) 647



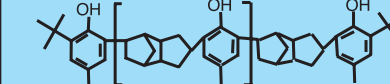
BNX 1077

CAS No. 847488-62-4
Molecular Wt (g/mol) 461



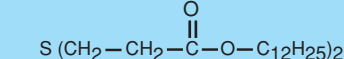
BNX 8000

CAS No. 68610-51-5
Molecular Wt (g/mol) 600-800



BNX DLTPD

CAS No. 123-28-4
Molecular Wt (g/mol) 514

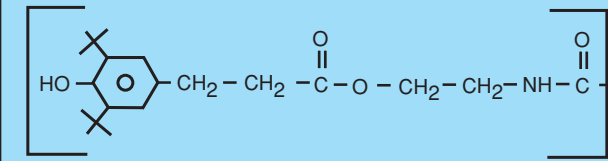


Antioxidant / Thermoplastic Rubber Blends

Product	Component	Ratio
BNX 1225 TPR	BNX 1225 : SIS Rubber	1:1
BNX 5010 TPR	BNX 1010 : SIS Rubber	1:1

BNX MD-1097

CAS No. 70331-94-1
Molecular Wt (g/mol) 697

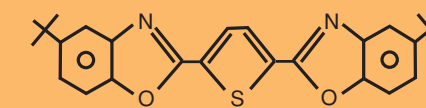


Antioxidant Blends

Product	Component	Ratio
BNX 1225	BNX 1010 : Benefos 1680	1:1

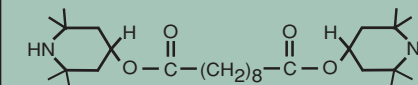
Benetex OB, OB Plus and OB-EP

CAS No. 7128-64-5
Molecular Wt (g/mol) 431



BLS 1770

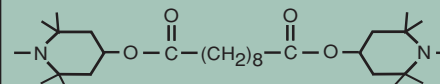
CAS No. 52829-07-9
Molecular Wt (g/mol) 481



BLS 292

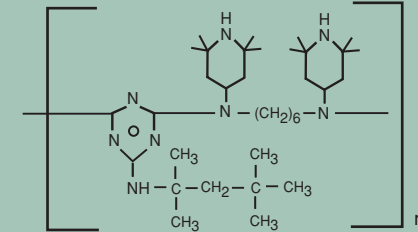
CAS No. 41556-26-7
Molecular Wt (g/mol) 509

CAS No. 82919-37-7
Molecular Wt (g/mol) 370



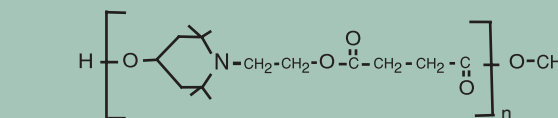
BLS 1944

CAS No. 71878-19-8
Molecular Wt (g/mol) 2000-3100



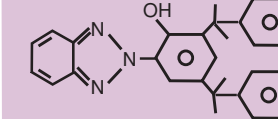
BLS 1622

CAS No. 65447-77-0
Molecular Wt (g/mol) >2500



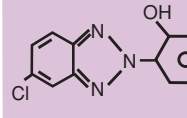
BLS 234

CAS No. 70321-86-7
Molecular Wt (g/mol) 448



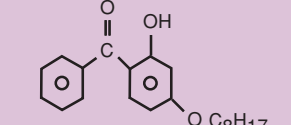
BLS 1326

CAS No. 3896-11-5
Molecular Wt (g/mol) 316



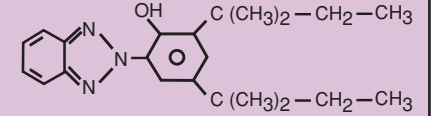
BLS 531

CAS No. 1843-05-6
Molecular Wt (g/mol) 326



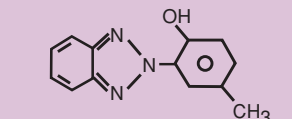
BLS 1328

CAS No. 25973-55-1
Molecular Wt (g/mol) 352



BLS 1710

CAS No. 2440-22-4
Molecular Wt (g/mol) 225



BLS 5411

CAS No. 3147-75-9
Molecular Wt (g/mol) 323

