



Endex International
Innovation for the Future

Endex™ Chemical Foaming Agents

We are dedicated to innovation and excellence in the manufacture of plastics additives and compounds.

Our innovative products include:

Endothermic, Exothermic and Endo-Exothermic Hybrids

These enhanced performance products are the leaders in these technologies, providing the OEM and processor with flexibility in, design and processing. Strong technical support fully complements the quality and versatility of our products, and our commitment to the customer is evident in everything we do.

Innovation in Chemical Foaming

Endex™ chemical foaming agents utilize innovative technology to produce superior quality thermoplastic foamed products by generating fine, closed-cell foams.

They also act as processing aids to improve flow and compatibilize mixed polymers, reduce molding cycle time and increase extrusion rates, improving weld-line strength, and reducing warp and sink-marks.

Endex™ chemical foaming agents are intended for use in a wide variety of processes, including:

Injection Molding for cycle time reduction, no sink marks, warp reduction, shrink control, reduced clamp.

Structural Foam Molding (SFM) for faster cycles and no plate-out.

Gas Counter Pressure foam molding for lower gas counter pressures in the mold.

Nitrogen SFM for finer cell structures and extra weight reduction.

Gas-Assist Molding for extra weight reduction and sink elimination.

Extrusion of foamed Sheet, Film and Profiles

Blow Molding of foamed parts.

Rational Molding for foamed parts.

Endex Chemical Foaming Agents

Endex A6C 2750	Endothermic
Endex NBC 2750	Endothermic
Endex 4233	Endothermic
Endex 1010	Endothermic
Endex 1011	Endothermic
Endex 1040	Exothermic
Endex 1041	Exothermic
Endex 1042	Endo-Exothermic
Endex 1725	Endothermic
Endex 1750	Endothermic
Endex 2650	Endothermic
Endex 2725	Endothermic
Endex 2775	Endothermic
Endex 3750	Endothermic

Product List and Descriptions

Endex A6C 2750: General purpose endothermic CFA masterbatch, for use in a wide range of thermoplastics, in injection molding or extrusion.

Endex NBC 2750: Endothermic CFA masterbatch. Used with nitrogen gas in low pressure structural foam molding of large parts-pallets, boxes, ect.

Endex 4233: High efficiency, low cost endothermic production for injection molding.

Endex 1010: Endothermic high temperature CFA masterbatch, for use in PA, PC, PET and other moisture-sensitive thermoplastics.

Endex 1011: Endothermic high temperature CFA masterbatch, for use in PA, PC, PET and other moisture-sensitive thermoplastics. Includes property enhancement additives.

Endex 1040: Exothermic masterbatch CFA, with high gas yield and no color shift in thermoplastic parts.

Endex 1041: General purpose exothermic masterbatch CFA.

Endex 1042: Endo-Exothermic hybrid masterbatch CFA, for injection molding and extrusion.

Endex 1725: Endothermic masterbatch CFA combining performance and cost effectiveness.

Endex 1750: Endothermic masterbatch CFA combining performance and cost effectiveness.

Endex 2650: Endothermic CFA masterbatch gives very fine cell structures in extrusion or injection molding.

Endex 2725: General purpose endothermic CFA masterbatch, for better blending or meeting accuracy.

Endex 2775: General purpose endothermic CFA masterbatch, for better blending or meeting accuracy. Combines high efficiency and cost effectiveness.

Endex 3750: Endothermic CFA masterbatch, for use in thermoplastics containing fillers such as calcium carbonate.

Temperature Conversion Table

°F	°C	°F	°C
200	93.3	430	221.1
215	101.7	440	226.7
230	110	450	232.2
240	115.6	460	237.8
280	137.8	470	243.3
290	143.3	480	248.9
300	148.9	490	254.4
310	154.4	500	260
320	160	510	265.6
330	165.6	520	271.1
340	171.1	530	276.7
350	176.7	540	282.2
360	182.2	550	287.8
370	187.8	560	293.3
380	193.3	570	298.9
390	198.9	580	304.4
400	204.4	590	310
410	210	600	315.6
420	215.5	610	321.0

Contacting Endex International

Canada:

487 Westney Road South, Unit #8
Ajax, Ontario L1S 6W8
Phone: 905.686.4335
Fax: 905.686.6691

USA:

111 Main Street, Box 381
Kingston, Illinois, USA 60145
Phone: 815.784.2446
Fax: 815.784.6012

UK:

9 Abbey Close
Alcester, B49 5QW
Phone: 01 789 765762
Fax: 01 789 765572

You can also visit our website at:
www.endexint.net for more information.

You can e-mail us at info@endexint.net

© Copyright Reserved August 2006 by Endex International.

To the best of our knowledge, the information herein is correct. Since the way these products may be used is beyond our control, no responsibility is accepted by Endex International for any loss of expense arising from their use. No liability is accepted if use of these products infringes any patent.