



Masterbatches e Additivi per Materie Plastiche ed Elastomeri

FERRO-PLAST S.r.l.

Via Grandi, 25 - 20090 Vimodrone (Mi)

Tel. +39.02.27409415 Fax +39.02.27409420 E-mail ferroplast@ferroplast.com - www.ferroplast.com

Unicell Masterbatch Series

Informazioni Tecniche

Foaming Masterbatches for EVA



DONGJIN SEMICHEM

Description

Unicell MT series, have been developed especially as the pellet typed MASTERBATCH of foaming agent for the expansion of EVA resin.

UNICELL MT series consist of EVA resin and foaming agent

UNICELL MT series are based on Azodicarbonamide.

The following advantages are obtained by using UNICELL-MT series for the expansion of EVA resin.

- Prevention from scattering the foaming agent
- Reduction of the time for mixing with base resin
- Excellent storage stability
- Reduction of possibilities of fire and explosion
- Prevention from reduction of physical properties of foam by containing almost same VA content EVA resin with other EVA resins used for manufacturing
- Providing whiter and more uniform cell structure

Properties of UNICELL-DX MB Series

Item	DX74MT	DX74MT2	DX74HPMB	DX3MT
Appearance	Pellet			
Color	Pale Yellow			
Decomposition Temperature (°C)	143~148	143~148	166~172	155~160
Evolved Gas Volume (ml/g)	75~85	80~90	85~95	95~105
Contents of Foaming Agent (%)	55	55	55	55
VA Contents of EVA (%)	21		22	

Properties of UNICELL-OH & UNICELL-D MB Series

Item	OHW2 EP75	D600MT	D200A EP75
Appearance	Pellet	Pellet	Pellet & Slab
Color	White	Yellow	Yellow
Decomposition Temperature (°C)	152~162	143~148	198~208
Evolved Gas Volume (ml/g)	82~91	75~85	165~185
Contents of Foaming Agent (%)	75	55	75
Carrier Resin	EPDM	EVA (VA content 21)	EPDM