

Description

UNICELL-BM/TM are very strong organometallic activators for **UNICELL-D**. They adjust the decomposition temperature to make it suitable for the process.

In combination with **UNICELL-BM/TM**, foaming agents release gases at lower temperatures, thereby reducing energy consumption. They are especially suitable for thermo-sensitive substrates or applications requiring reduced plasticizer fumes. In addition, they produce whiter foams compared with foaming agents.

Coatings expanded with **UNICELL-BM/TM** combinations are free from discoloration and enable a reduction in the quantity of titanium dioxide without sacrificing whiteness.

Properties of UNICELL-BM/TM

Item	Specification	
Grade Name	BM	TM
Chemical Name	Zinc benzenesulfinate	Zinc ditoluenesulfinate
Appearance	Fine White Powder	
Average Particle Size (μm)	2.0~4.0	2.0~4.0
Moisture Content (%)	5.0 max.	5.0 max.
Sieve Test (on 100 mesh)	nil	nil
Melting Point (°C)	218~228	255~265
Molecular Weight	347.63	375.65
CAS No.	24308 - 84 - 7	24345 - 02 - 6

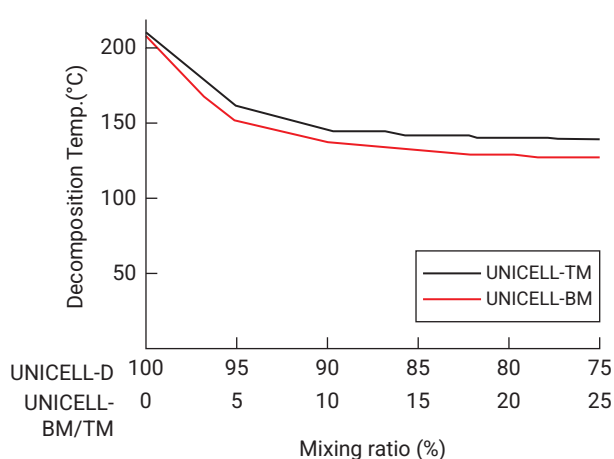


Fig 1. The decomposition temperature of **UNICELL-D** mixture with **UNICELL-BM/TM**

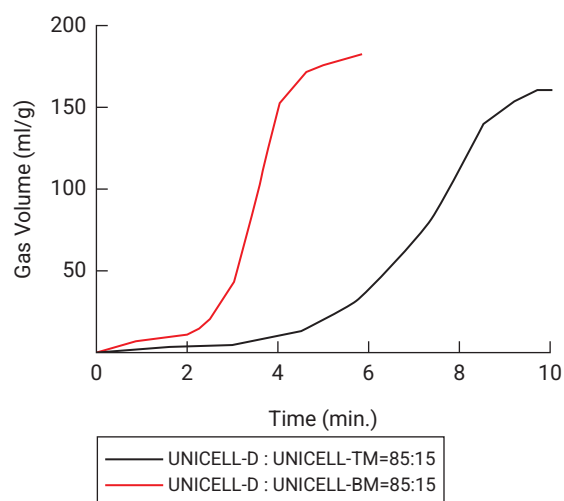


Fig 2. The decomposition behavior of **UNICELL-D** of the constant temperature of 160°C (mixing ratio. **UNICELL-D** : **UNICELL-BM/TM**=85 : 15)