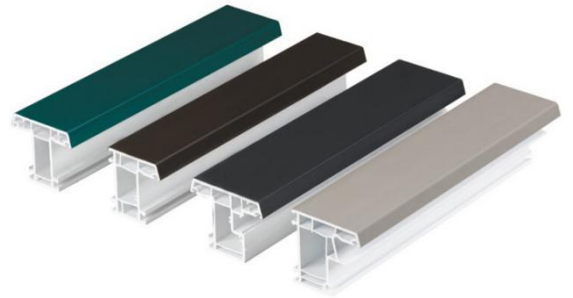


## BX IM 750 Impact modifier

### Product description

BX non-transparent acrylic impact modifier BX IM-750 is a kind of acrylic impact modifier with core-shell structure, which can give PVC products excellent impact strength and excellent weather resistance.



### Product benefits



- Increase impact strength
- Excellent weatherability
- Excellent dimensional stability
- Good machinability

### Technical specifications

Specification	Unit	Test standard	BX IM-750
Appearance	--	--	White powder
Bulk density	g/cm <sup>3</sup>	GB/T 1636-2008	0.45±0.10
Sieve residue (30 mesh)	%	GB/T 2916	≤2.0
Volatile content	%	ASTM D5668	≤1.0
Glass transition temperature	°C	GB/T 19466	-42.1±1.0

## Mechanical properties comparison

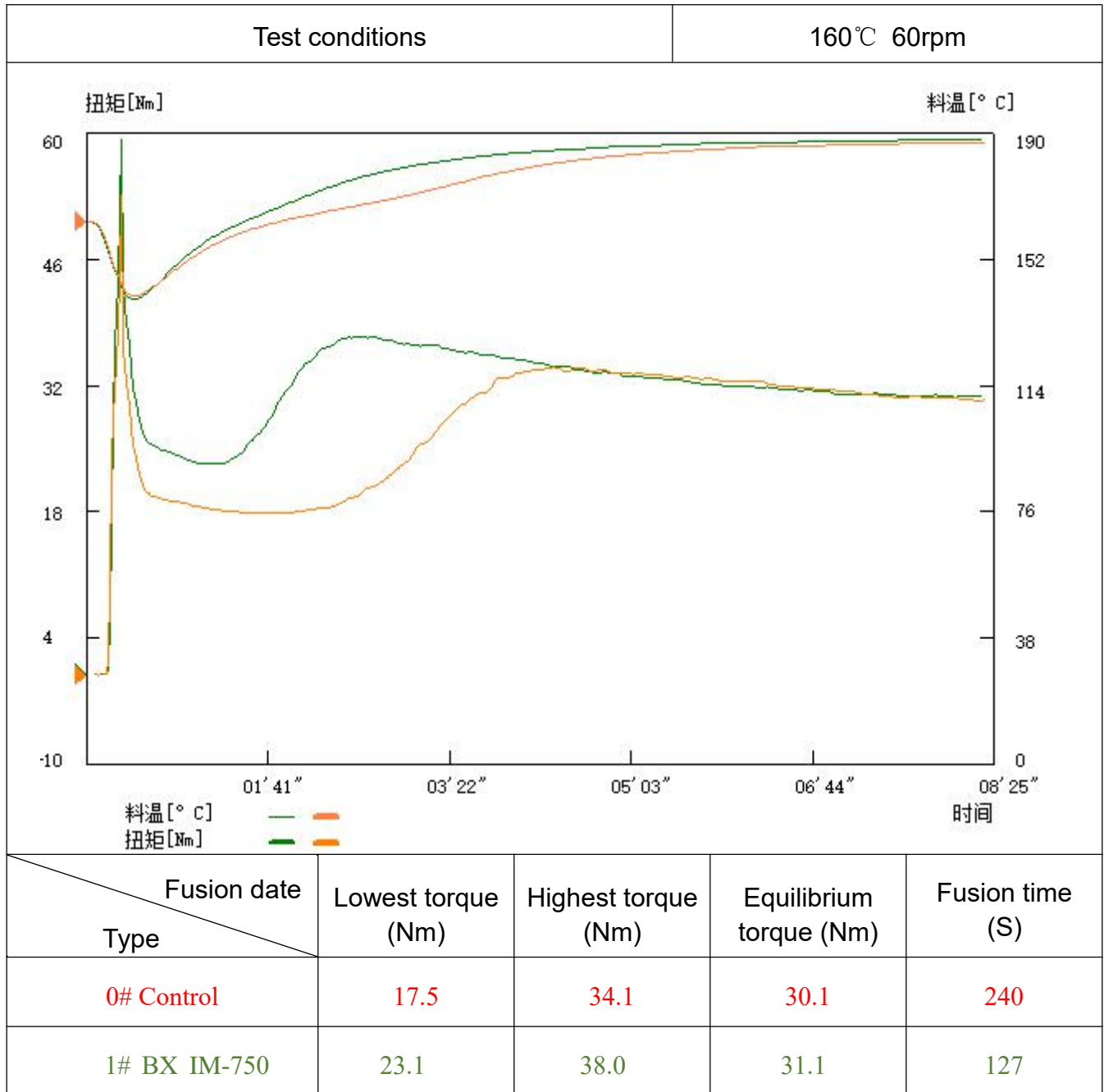
Formula composition	0#	1#
	Control	HL-750
PVC (K-65)	100	100
CaCO <sub>3</sub>	15	15
Ca-Zn stabilizer	4.5	4.5
Stearic acid	0.1	0.1
PE wax	0.2	0.2
TiO <sub>2</sub> (Rutile)	5.0	5.0
BX IM-750	--	5.0

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Test equipment type: RM-200C torque rheometer from Harbin Hapro Electrical technology Co., Ltd

Volume: 60ml



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## **Product application**

BX IM-750 is mainly used in outdoor PVC products, such as PVC door and window profiles, PVC pipe fittings, PVC fence, PVC panel floor, PVC plate and so on.

## **Packaging and storage**

25Kg/package or as required by customers.

The product should be kept clean during transportation and handling, prevent sunshine, rain, high temperature and humidity, and avoid damage to packaging. It should be stored in a cool, dry, sunless warehouse with temperature below 40 C for two years. It can still be used after two years' performance test.

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