

HELI™ HL-801 SAN processing aids

Product description

HELI™HL-801 is a super high molecular weight processing aid. It is widely used in rigid PVC products, such as PVC profiles, PVC pipes, PVC pipe fittings, PVC foamed products, etc.



Product benefits



- Faster integration
- Better melt fluidity
- Excellent compressive resistance

Technical specifications

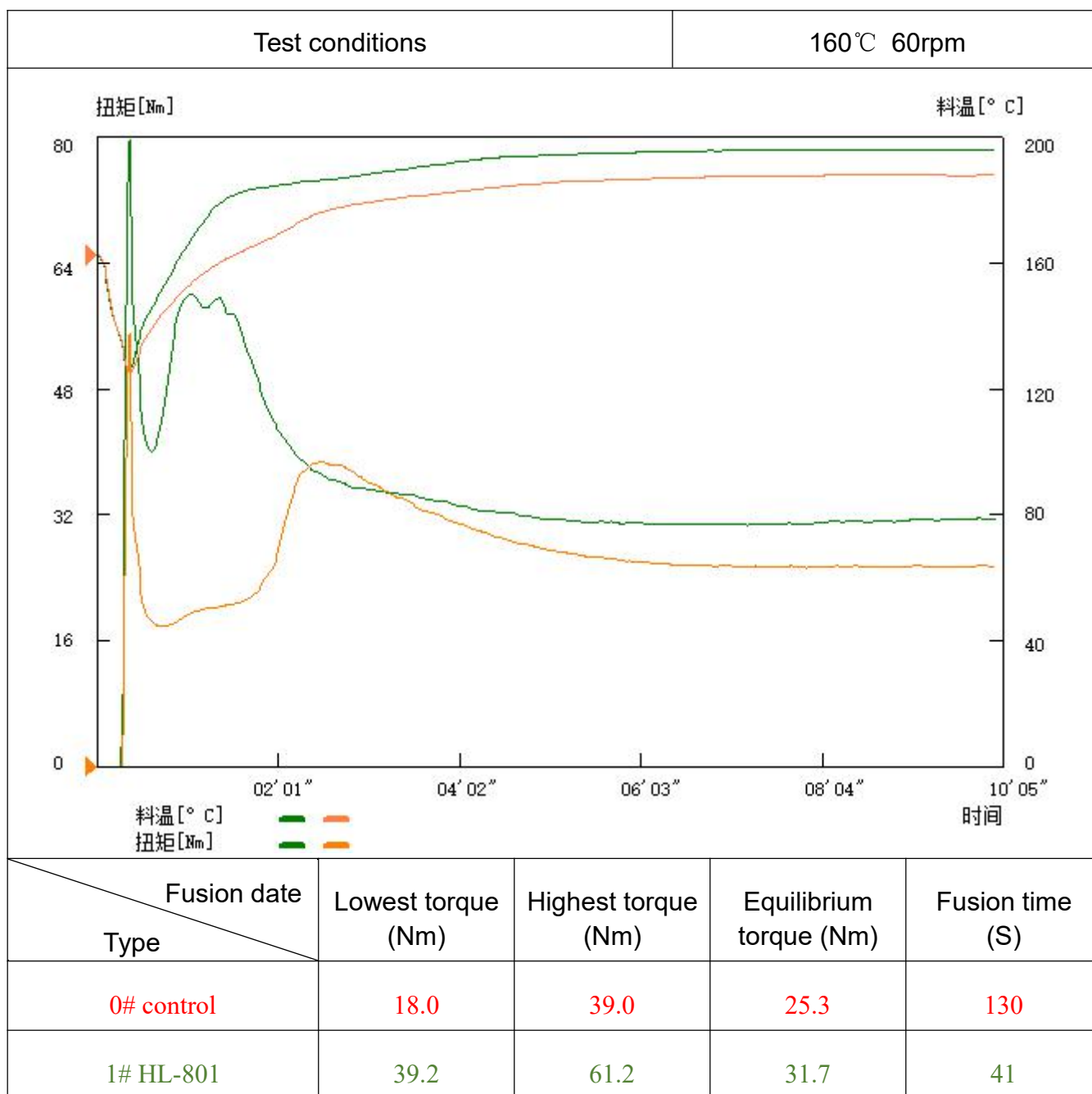
Specification	Unit	Test standard	HL-801
Appearance	--	--	White powder
Bulk density	g/cm ³	GB/T 1636-2008	0.45±0.10
Sieve residue (30 mesh)	%	GB/T 2916	≤1.0
Volatile content	%	ASTM D5668	≤1.30
Intrinsic viscosity (η)	--	GB/T 16321.1-2008	12.00±1.00

Mechanical properties comparison

Formula composition	0#	1#
	Control	HL-801
PVC (K-65)	100	100
Light CaCO_3	30	30
Heavy CaCO_3	30	30
Lead stabilizer	5.0	5.0
PE wax	0.66	0.66
OPE wax	0.5	0.5
HLD-60	0.6	0.6
AC	0.6	0.6
NC	1.2	1.2
HL-801	/	3.0

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

Volume: 60ml



Melt flow rate

Test Conditions: Melt Flow Rate Instrument Test Standard: ASTM D1238

melt flow rate(g/10min)	
Test conditions	210℃ 14.1kg
0# Control	2.07
1# HL-801	2.59

Product application

HL-801 is widely used in PVC hard products, such as PVC profile, PVC pipe, PVC pipe fittings and PVC foam board 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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