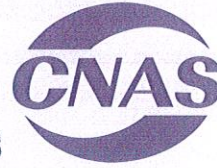




2015000585E

National Test Center of
Polymer & Building Materials



中国认可
检测
TESTING
CNAS L1049

Address: No. 14, Beisanhuandonglu, Chaoyang district, Beijing, China Post Code : 100013
Tel: +86(0)1064208747, +86(0)1064200694, +86(0)1064224642, +86(0)1059202479
Fax: +86(0)1059202784, +86(0)1084290301 Web site: www.plastic-test.net

No.2017(X) 03043

CUSTOMER: Shandong Ningjin Xinxing Chemical Co., Ltd.

SAMPLES FOR TESTING

Name: UHMWPE Synthetic ice

Manufacturer: Shandong Ningjin Xinxing Chemical Co., Ltd.

Thickness: 20mm

Appearance: White sheets

Brand: Xinxing

DATE OF RECEIPT: 2017-02-17

ISSUE DATE: 2017-03-09

THIS REPORT COMPRISES 2 PAGES.



DIRECTOR: 杨红强

CHECK: 朱永戈



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TESTING RESULTS

No.2017(X) 03043

No.	Test Items	Results	Test Methods
1	Density, g/cm ³	0.9428	ASTM D792-03
2	Tensile strength at yield, MPa	20.9	ASTM D638-14
3	Tensile strength at break, MPa	25.8	ASTM D638-14
4	Elongation at break, %	539	ASTM D638-14
5	Charpy notched impact strength, J/m	1.68 × 10 ³	ASTM D6110-10
6	Compressive strength (20%), MPa	35.0	ASTM D695-13
7	Ball indentation hardness, N/mm ²	41	ISO 2039-1:2001
8	Shore hardness	62	ASTM D868:2003
9	Water absorption(23°C 24h), %	0.0042	ASTM D570-98 (2010e2)
10	Coefficient of friction	0.27	GB/T 3960-1983



Test: 林蔚然 邢进