



Test Report

No. 2191804/JL

Date : Nov 30 2010

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HONAM PETROCHEMICAL CO., LTD
634, DOKGOT-RI, DAESAN-EUP,
SEOSAN-CITY, CHUNGCHONGNAM-DO,
KOREA

The following sample was submitted and identified on behalf of the client as SFR-171H.

SGS Job No. : 3670144
SGS Ref. No. : AYAA10-38417
Style / Item No. : PP
Sample Receiving Date : NOV 16 2010
Testing Period : NOV 16 – 22 2010

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
US FDA 21 CFR 177.1520 (c)(1.1a) – Polypropylene Homopolymer (As per client's request)	--
a) Density	PASS
b) Melting point	PASS
c) Extractable fraction	PASS
d) Soluble fraction	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Chan Yu Yan, Cyrus
Section Manager

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Test Results :

US FDA 21 CFR 177.1520 (c)(1.1a) – Polypropylene homopolymer

a) Density

Method : With reference to 21 CFR 177.1520 (c)(1.1a), determined at 23°C.

Test Item	Result (g/mL)	Permissible Limit (g/mL)
	1	
Density at 23°C	0.892	0.880 – 0.913
Comment	PASS	--

Sample Description :

1. White Plastic

Note : g/mL = gram per milliliter

b) Melting point

Method : With reference to 21 CFR 177.1520 (c)(1.1a).

Test Item	Result (°C)	Permissible Limit (°C)
	1	
Melting Point	165 – 167	160 – 180
Comment	PASS	--

Sample Description :

1. White Plastic

Note : °C = degree Celsius

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c) Extractable fraction

Method : With reference to 21 CFR 177.1520 (c)(1.1a). Sample preparation in n-hexane at reflux temperature for 2 hours.

Test Item	Result (% w/w)	Detection Limit (% w/w)	Permissible Limit (% w/w)
	1		
Extractable fraction	0.8	0.1	6.4
Comment	PASS	--	--

Sample Description :

1. White Plastic

Note : % w/w = percentage of weight by weight

d) Soluble fraction

Method : With reference to 21 CFR 177.1520 (c)(1.1a). Sample preparation in xylene at 25°C for 2 hours.

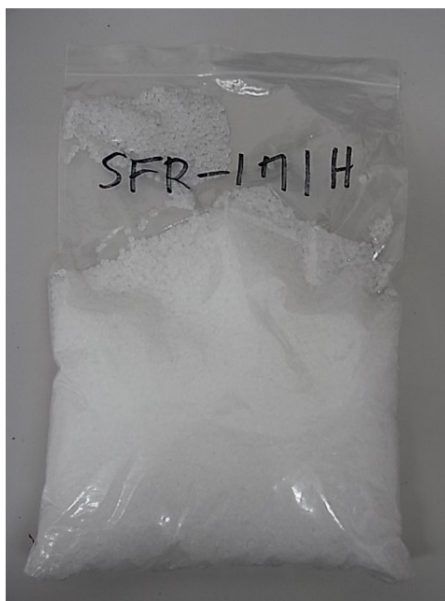
Test Item	Result (% w/w)	Detection Limit (% w/w)	Permissible Limit (% w/w)
	1		
Soluble fraction	2.9	0.1	9.8
Comment	PASS	--	--

Sample Description :

1. White Plastic

Note : 1. % w/w = percentage of weight by weight

2. °C = degree Celsius



*** End of Report ***

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