



MINISTRY OF PUBLIC WORK
AGENCY FOR RESEARCH AND DEVELOPMENT
RESEARCH AND DEVELOPMENT CENTER FOR ROADS AND BRIDGES

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Application Letter : 02/PTD/SRT-BPJ/VIII/15, date August 5th, 2015

1. Received Sample

Sample that received on August 12th, 2015 is Asbutir Type 50/30 (BRAM) August 2015 Production.

2. Scope of Test

According to consumer application, the test for Asbutir Type 50/30 are :

- Bitumen content of asbutir.
- Water content of asbutir.
- Sieve analysis of asbutir.
- Sieve analysis of asbutir mineral.
- Bulk density of asbutir.
- Penetration of bitumen on 25°C, 100 g, 5 second.
- Softening point of bitumen.
- Specivic gravity of bitumen.
- Flash point of bitumen.

3. Test Result

The test result of Asbutir Type 50/30 (BRAM) August 2015 Production is shown in Table below.

Table The Test Result of Asbutir Type 50/30 (BRAM) August 2015 Production

No.	Test	Test Method	Results	Unit
1.	ASBUTIR Bitument content	SNI 03-3640-1994	25.6	%
2.	Water content	SNI-2490-2008	0.9	%


Table The Test Result of Asbutir Type 50/30 (BRAM) June 2015 Production (Advanced)

No.	Test	Test Method	Results	Unit
3.	Sieve analysis of asbutir <ul style="list-style-type: none"> • Sieve ½" • Sieve 3/8" • Sieve No. 4 • Sieve No. 8 • Sieve No. 16 • Sieve No. 30 • Sieve No. 50 • Sieve No. 100 • Sieve No. 200 	SNI 03-6822-2002	88 71 31 14 5.9 2.7 0.7 0.2 0.1	% Passing % Passing % Passing % Passing % Passing % Passing % Passing % Passing % Passing
4.	Sieve analysis of asbutir mineral <ul style="list-style-type: none"> • Sieve No. 8 • Sieve No. 16 • Sieve No. 30 • Sieve No. 50 • Sieve No. 100 • Sieve No. 200 	SNI 03-6822-2002	99 98 98 94 65 36	% Passing % Passing % Passing % Passing % Passing % Passing
5.	Bulk density BITUMEN OF ASBUTIR	SNI 03-4804-1998	0.718	-
1.	Penetration on 25°C, 100 g, 5 second	SNI 2456 : 2011	55	dmm
2.	Softening point	SNI 2434 : 2011	51	°C
3.	Specific gravity	SNI 2441 : 2011	1.034	-
4.	Flash point	SNI 2433 : 2011	211	°C

4. Validation

The test result is valid only for Asbutir Type 50/30 (BRAM) August 2015 Production, received by The Research and Development Center for Roads and Bridges.

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