LABORATORY TESTING
INFILL IDENTIFICATION

Project Information

Project Name	Air Blown Infill Particle Size Distribution	**Sample Received**	11/21/2018
Client Information	Axial, a Westlake Company 210 Industrial Drive N Madison, MS 39110		
Date	February 20, 2019		
Report Status	Final		
Job No.	94551/4933		
Prepared by	*Megan Illsley* *Laboratory Director*		
Checked By	*Jeffrey Gentile* *Director of Operations*		

Notes:

1. This report has been prepared by Sports Labs USA with all reasonable skill, care and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.

2. This report is confidential to the Client and Sports Labs USA accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.

3. This report shall not be used for engineering or contractual purposes unless signed by the Author and the Checker and unless the report status is "Final."

Summary

Sports Labs USA was commissioned to perform infill identification testing. Infill samples were sent to our laboratory. The tests performed were per the standards listed below.

- EN 933-1 – Test for geometrical properties of aggregates- Part 1: Determination of particle size distribution- sieving method

Table Contents

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General Information

Test Methods	EN 933-1 – Test for geometrical properties of aggregates- Part 1: Determination of particle size distribution- sieving method		
Test Date	1/29/18	**Total dry sample weight**	202.2
Material	Air Blown TPE		
Weather Conditions	Indoor	**Air Temp (° F)**	72
Humidity %	45	**Misc. Notes**	None

Infill Description

	Characteristic	Results
Air Blown Infill	Particle Size (mm)	2.0-3.35
	Particle Shape	Round/Medium Sphericity
	Bulk Density (g/cm3)	0.650

Sample Photo

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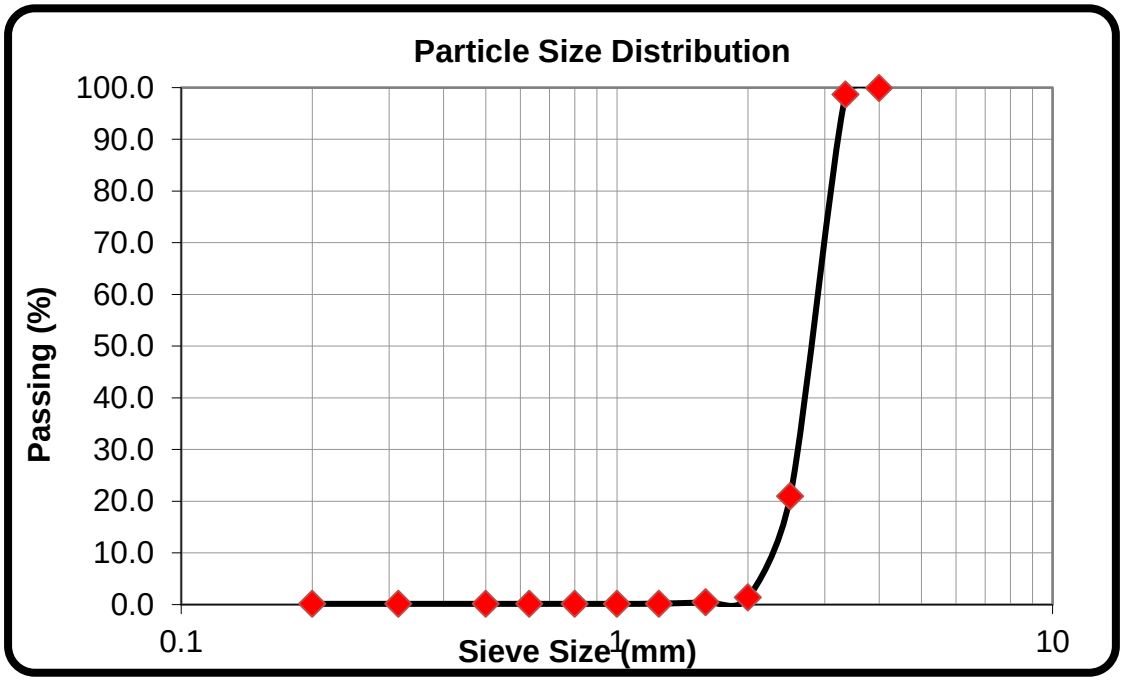
Infill Grading

Particle Size Distribution			
SEIVE SIZE (mm)	**Weight (g)**	**Retained (%)**	**Passing (%)**
4	0.1	0.0	100.0
3.35	2.5	1.2	98.7
2.5	157.2	77.7	21.0
2	39.6	19.6	1.4
1.6	1.8	0.9	0.5
1.25	0.6	0.3	0.2
1	0.1	0.0	0.1
0.8	0.0	0.0	0.1
0.63	0.0	0.0	0.1
0.5	0.0	0.0	0.1
0.315	0.0	0.0	0.1
0.2	0.0	0.0	0.1
Passing to base tray	0.0	0.0	0.1
Check	201.9	0.0	0.0



End of Report