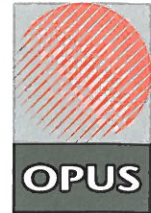


**RIGID CELLULAR PLASTICS
TEST REPORT**



Attention: Wayne Watson
Expol
P O Box 13560
Onehunga
Auckland 1643

Project : **Product Evaluation**

Client : **Expol**
Contractor : **Expol**
Sampled by : **Expol**
Date sampled : **18/04/12**
Sampling method : **Not Stated**
Sample description : **20kg/m³ Polystyrene**
Sample condition : **As Received**

Project No :	1-L0123.69
Lab Ref No :	001/12
Client Ref No :	Wayne Watson

Test Results					
Sample No.	Density kg/m ³	Compressive Stress at relative deformation (kPa)			
		1.0%	2.0%	5.0%	10.0%
1	20.3	55.0	102.8	136.2	153.6
2	20.3	54.5	104.3	139.8	158.8
3	20.5	45.1	92.6	134.1	155.5
4	20.3	42.6	91.1	133.7	155.0
5	20.5	47.8	93.2	132.6	151.7
Mean	20.4	49.0	96.8	135.3	154.9
Test Methods					
AS 2498.3 - 1993		<i>"Method 3: Determination of compressive stress"</i>			
Mass/Volume Calculation		<i>"Determination of density"</i>			

Date tested : 20/04 - 07/05/12
Date reported : 07/05/12

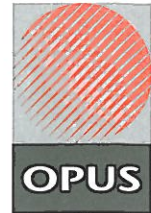
This report may only be reproduced in full

Approved

D Hotham

Designation : *Assistant Laboratory Manager*
Date : 02/04/12

**RIGID CELLULAR PLASTICS
TEST REPORT**



Attention: Wayne Watson
Expol
P O Box 13560
Onehunga
Auckland 1643

Project : **Product Evaluation**

Client : **Expol**
Contractor : **Expol**
Sampled by : **Expol**
Date sampled : **18/04/12**
Sampling method : **Not Stated**
Sample description : **30kg/m³ Polystyrene**
Sample condition : **As Received**

Project No :	1-L0123.69
Lab Ref No :	002/12
Client Ref No :	Wayne Watson

Test Results					
Sample No.	Density kg/m ³	Compressive Stress at relative deformation (kPa)			
		1.0%	2.0%	5.0%	10.0%
1	30.6	50.9	114.9	182.4	201.4
2	30.4	54.5	120.8	182.4	200.2
3	30.5	50.9	117.1	178.6	196.3
4	30.5	56.0	117.9	179.8	197.6
5	31.0	58.3	117.7	179.6	198.6
Mean	30.6	54.1	117.7	180.6	198.8
Test Methods					
AS 2498.3 - 1993		<i>"Method 3: Determination of compressive stress"</i>			
Mass/Volume Calculation		<i>"Determination of density"</i>			

Date tested : 20/04 - 07/05/12
Date reported : 07/05/12

This report may only be reproduced in full

Approved

D Hotham

Designation : *Assistant Laboratory Manager*
Date : 07/05/12