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5th of March, 2013

M.S.T.C. TEST REPORT T13-00073/0001a

Replacement for Report No. T13-00073/0001 issued on 13/2/2013

Company:	LiquiMIX Pty. Ltd.		
Sample Description:	Tufflon P90 AS – blue polyurea		
Intended Use:	Minor Conveyor Accessories	[Refer: MDG3608, Section 3.3]	
Sample No.:	T13-00073/0001		

SUMMARY

The material **complied** with the *Electrical Resistivity* requirements of MDG3608, 3.3.1.3.

Analysed by:  Checked by: 

Authorised by:



G. Slater
Manager
Mine Safety Technology Centre

ELECTRICAL RESISTIVITY (Surface Resistance)

Sample:

Tufflon P90 AS – blue polyurea

Results:

Test Piece	Electrical Resistance (MΩ)	
	Shiny Surface	Dull Surface
1	195	164
2	143	126
Mean	169 MΩ	145 MΩ

Notes:

- Conditioned at $\leq 23^{\circ}\text{C}$ and $\leq 70\%$ relative humidity for > 2 hours in an unrestrained state.
- Tested at ambient temperature of 22°C with 55% relative humidity.
- Sample sizes: 298 mm x 298 mm.
- Conductivity solution applied between electrode and sample surfaces.

Method of Analysis:

AS 1334.9-1982 (Determination of electrical resistance of conveyor belting).

Any variation from Standard/Test Method:

Sample sizes as received.

Requirements:

The mean value for the Electrical Resistance on both upper and lower surfaces of the material shall not be greater than $300 \text{ M}\Omega$ (300×10^6 ohms).

Sample Status:

The material **complied** with the requirements for *Electrical Resistivity* of MDG3608, 3.3.1.3.