

सेन्ट्रल इन्स्टीट्यूट ऑफ प्लास्टिक्स
इंजीनियरिंग एवं टेक्नॉलाजी

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TEST CERTIFICATE



NO. B - 4954

Date : 18.09.2013

PART - C:- TEST RESULTS

TEST REPORT No. 0858

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S. No.	Name of the Test	Test Method	Units	Test value Obtained
1.	Tensile Strength (Before ageing)	ASTM D 638	mPa	11.35
2.	Elongation at break (Before Ageing)	--co--	%	2231.67
Accelerated QUV test is performed as per ASTM D 5208 at -UVA-340, Temp-60°C, Irradiance 0.5w/m ² /nm				
3.	Tensile strength (after ageing)			
	(i) After 7½ Hours	ASTM D 638	mPa	5.68
	(ii) After 24 Hours			5.60
	(iii) After 31½ Hours			4.52
	(iv) After 48 Hours			4.13
	(v) After 55½ Hours			2.59
	(vi) After 72 Hours			2.53
	(vii) After 79½ Hours			1.81
	(viii) After 96½ Hours			0.60
4.	Elongation at break (after ageing)			
	(i) After 7½ Hours	ASTM D 638	%	100.8
	(ii) After 24 Hours			61.37
	(iii) After 31½ Hours			67.5
	(iv) After 48 Hours			36.97
	(v) After 55½ Hours			34.67
	(vi) After 72 Hours			63.33
	(vii) After 79½ Hours			32.70
	(viii) After 96½ Hours			46.87

PART - D : REMARKS - NIL

AUTHORIZED SIGNATORY

CENTRE HEAD

NOTE:

- (i) The results relate only to the items tested as supplied by the party.
(ii) The test certificate shall not be reproduced in full except without the written approval of the laboratory.