



TEST REPORT

HOSE:COLD FLEX Refrigeration Hose EN 1736 FIRM : YUKSEL TEKNİK SUBJECT: Liquid ageing tests have been carried out after the customer complaint.			REPORT NO : L13-0041 DATE OF TEST : 10.01.2013 DATE OF REPORT : 07.03.2013	
TEST NAME	UNIT	SPECIFICATION	RESULT	METHOD
<u>Sample: HS0960 added green pigments</u>				
1.0 EFFECT OF LIQUIDS				ASTM D471
<u>1.1 Ageing test with ACD 68 oil at 100°C 72h</u>				
1.1.1 Hardness Change	Shore D	N/A	4	
1.1.2 Volume Change	%	N/A	-5,5	
1.1.3 Mass Change	%	N/A	-6,6	
<u>1.2 Ageing test with ACD 68 oil at 100°C168h</u>				
1.2.1 Hardness Change	Shore D	N/A	8	
1.2.2 Volume Change	%	N/A	-7,6	
1.2.3 Mass Change	%	N/A	-8,7	
<u>1.3 Ageing test with ACD 68 oil at 100°C336h</u>				
1.3.1 Hardness Change	Shore D	N/A	9	
1.3.2 Volume Change	%	N/A	-9,2	
1.3.3 Mass Change	%	N/A	-10,2	
<u>1.4 Ageing test with ACD 32 oil at 100°C 72h</u>				
1.4.1 Hardness Change	Shore D	N/A	4	
1.4.2 Volume Change	%	N/A	-5,7	
1.4.3 Mass Change	%	N/A	-6,9	
<u>1.5 Ageing test with ACD 32 oil at 100°C168h</u>				
1.5.1 Hardness Change	Shore D	N/A	7	
1.5.2 Volume Change	%	N/A	-7,5	
1.5.3 Mass Change	%	N/A	-8,6	
<u>1.6 Ageing test with ACD 32 oil at 100°C336h</u>				
1.6.1 Hardness Change	Shore D	N/A	10	
1.6.2 Volume Change	%	N/A	-8,5	
1.6.3 Mass Change	%	N/A	-9,7	

PREPARED BY : Ümit BAYRAKTAR
 SIGNATURE:
 TKF 2/65 REV:1

APPROVE : Özgür ÇALIŞKAN
 SIGNATURE: