



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 :L13-0042 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>1.7 Ageing test with FR32 oil at 100°C 72h</u>				
1.7.1 Hardness Change	Shore D	N/A	4	
1.7.2 Volume Change	%	N/A	-4,7	
1.7.3 Mass Change	%	N/A	-5,7	
<u>1.8 Ageing test with FR32 oil at 100°C168h</u>				
1.8.1 Hardness Change	Shore D	N/A	6	
1.8.2 Volume Change	%	N/A	-5,8	
1.8.3 Mass Change	%	N/A	-6,8	
<u>1.9 Ageing test with FR32 oil at 100°C336h</u>				
1.9.1 Hardness Change	Shore D	N/A	6	
1.9.2 Volume Change	%	N/A	-5,8	
1.9.3 Mass Change	%	N/A	-6,9	
<u>1.10 Ageing test with FR68 oil at 100°C 72h</u>				
1.10.1 Hardness Change	Shore D	N/A	4	
1.10.2 Volume Change	%	N/A	-4,6	
1.10.3 Mass Change	%	N/A	-5,6	
<u>1.11 Ageing test with FR68 oil at 100°C168h</u>				
1.11.1 Hardness Change	Shore D	N/A	7	
1.11.2 Volume Change	%	N/A	-5,42	
1.11.3 Mass Change	%	N/A	-6,6	
<u>1.12 Ageing test with FR68 oil at 100°C336h</u>				
1.12.1 Hardness Change	Shore D	N/A	5	
1.12.2 Volume Change	%	N/A	-6,2	
1.12.3 Mass Change	%	N/A	-7,2	

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

APPROVE :Özgür ÇALIŞKAN
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