



O-RINGS, INC.
 3311 PEPPER AVENUE
 LOS ANGELES, CA 90065
 PHONE (323) 343-9500
 FAX (323) 343-9505
 sales@oringsUSA.com

**TECHNICAL REPORT FS60
 AMS R 25988 CLASS 1 GRADE 60
 Typical Physical Properties L13344 (G04)**

<u>ORIGINAL PROPERTIES</u>	<u>Spec.</u>	<u>Typical Values</u>
Hardness	60 +/- 5	62
Tensile, Mpa	4.83 min.	6.6
Elongation, %.	150% min.	500
Color	Blue	Blue
 <u>HEAT AGE 70 HRS. @ 200°C</u>		
Change in Durometer, pts	-5 / +10	+2
Change in Tensile, %	-25 max.	-7.8
Change in Elongation,%	-25 max.	-13.7
Weight Loss, %	-2.0 max.	-0.4
 <u>COMPRESSION SET, 22 HRS. @ 175°C</u>		
% Set	40 max.	12
 <u>COMPRESSION SET, 70 HRS. @ 23°C</u>		
% Set	15 max	3
 <u>FLUID RESISTANCE AMS 3021, 70 HRS @ 150°C</u>		
Change in Durometer, pts	+/- 15	+2
Change in Tensile, %	-45	+18
Change in Elongation,%	-30	-23
Change in Volume, %	+1 / +15	+2.2
Compression Set, %	45	30
 <u>FLUID RESISTANCE TT-S-735, 22HRS @ 23°C</u>		
Change in Durometer, pts	-20 max.	-3
Change in Tensile, %	-50 max.	-26
Change in Elongation,%	-40 max.	-5
Change in Volume, %	+1 / +25	+9.4
 <u>LOW TEMPERATURE RETRACTION</u>		
TR10, -56.6°C	Pass	Pass