

Technical Datasheet

70411

Description

A 40 durometer white, addition cured silicone rubber compound that meets ASTM D2000M3FE408 (Z1-tensile strength = 1013 psi; Z2-heat age tensile strength = -44%).

70411 is designed for optimal re-sealability, low bleed, and ease of puncture.

Physical Properties	Actual Value	Spec. Value
Original Properties – cured 20 minutes@320F (160C); postcured 4 hrs@392F (200C)		
Specific Gravity	1.10	1.10 +/- .03
Hardness (Shore A)	41.0	40 +/-5
Tensile Strength	1013 psi (6.98 Mpa)	900 psi min.
Elongation (%)	610%	500% min.
Tear Strength, Die C Method	94.2 ppi (18.38 kN/m)	80 ppi min.
Compression Set - 22hrs@347F (175C)	10.12%	
Heat Aging - 70hrs@392F (200C)		
Hardness (Shore A)	42.5	
Change	+1.5 pts	
Tensile Strength	555 psi (3.83 Mpa)	
Tensile Strength Change	-45%	
Elongation	377%	
Elongation Change	-38%	





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