

## Cos70 Cork/Synthetic Rubber Sheet

Category: Polymer, Thermoset, Rubber or Thermoset Elastomer (TSE)

## **Material Notes:**

Description: Harvested every 9-12 years from the cork oak tree, cork is able to rebound from compression with extrusion. Applications include: stoppers, soundproofing, flooring, gaskets, and many other uses.

Order this product through the following link:

http://www.lookpolymers.com/polymer\_Cos70-CorkSynthetic-Rubber-Sheet.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.560 - 0.720 g/cc	0.560 - 0.720 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60 - 70	60 - 70	
Tensile Strength, Yield	>= 1.38 MPa	>= 200 psi	No units listed, assumed to be psi.
Compression Set	35 - 45 %	35 - 45 %	at 400 psi
	>= 80 %	>= 80 %	Recovery

Descriptive Properties	Value	Comments
Flex	3 max	
Grade	Medium	
Volume Change in Fuel A	-2-10%	
Volume Change in Oil 1	-5-5%	
Volume Change in Oil 3	-2-15%	

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