



Material Specification Sheet

OP Series - Soft/Medium

Material: Soft Medium grade Open Cell Rubber

Description: Soft Medium grade Open Cell Rubber is a porous, elastic material produced from natural rubber.

Features: Excellent recovery after compression, shock and sound absorption, and a non-skid surface.

Applications: Used in sealing against air, dust, and moisture, vibration damping, gasketing and cushioning, and mouse pads.

Open Cell Rubber is available with adhesive or plain and can be supplied in tapes, kiss-cut in rolls, or die cut into individual parts.

Technical Specifications

| Physical Property | U/M | Test Method | Value | Notes |
|------------------------------|-----|---------------------|-----------|--------------------------------------|
| Accelerated Aging | % | 7 days @ 158F | 20 | +/- change to Compression Deflection |
| Compression Force Deflection | PSI | @25% Load | 7 | +/- 2 |
| Density | PCF | | 26 | +/- 4 |
| Elongation | % | | 225 | Minimum |
| Maximum Temperature | F | | 180 | |
| Minimum Temperature | F | | -20 | |
| Resistance | | Water | Excellent | |
| Resistance | | Ethyl Alcohol | Excellent | |
| Resistance | | Methyl Ethyl Ketone | Poor | |
| Resistance | | Benzene | Poor | |
| Resistance | | Glycerine | Excellent | |
| Resistance | | Ethyl Acetate | Fair | |
| Resistance | | Ethylene Glycol | Excellent | |
| Resistance | | Oil | Fair | ASTM #1 |
| Resistance | | Oil | Poor | ASTM #3 |
| Resistance | | Paraffin Oil | Fair | |
| Shrinkage | % | 7days @ 158F | 2 | Maximum |
| Tensile Strength | PSI | | 95 | Minimum |

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