

July 2008

DURAFOAM™ C210FR

EPDM/POLYMERIC BLEND

Color	Off White
ASTM-D-1056-99	2C2
SAE J18 (Rev. July 1992)	2C2
Compression Set (ASTM-D-1056) Suffix B, 25% max.	20% PASS
Mil-R-6130, Type II, Grade A, B & C	PASS
Mil-C-3133, SCE 42 & SCE 7	PASS
Oil Resistance, Fluid immersion 7 days @ 23°C or 74°F	PASS
Elongation	305%
Density, Approximate	6 pcf
Shore 00 Durometer	40 approx.
Compression Deflection @ 25%	5.5 psi
Ozone Resistance, ASTM-D-1171 72 hrs @ 102°F, 50 pphm ozone	No Cracks -- PASS
UV Resistance, 120 hr QUV Ultra-violet light exposure	EXCELLENT
Flame Retardant, UL94-HF1	Self-Extinguishing – PASS
FDA	Some Ingredients Approved

High Performance Features

- High Heat Resistance
- Low Compression Set
- Dimensionally Stable (Very Low Shrinkage)
- Unique Soft, Supple, Real Rubber Feel
- Very Fine Cell Structure
- High Coefficient of Friction for anti-skid applications such as mouse pads
- Bonds well to most pressure sensitive adhesives including economy rubber based products
- Available standard in gray and light tan
- Available on special order in custom colors

Chemical Stability

- Oxidation Resistance – Excellent
- Aliphatic Hydrocarbons – Excellent
- Aromatic Hydrocarbons – Excellent
- Petroleum, Crude – Excellent
- Natural Gas – Excellent
- Gasoline, Fuel Oil – Excellent
- Lubricating Oils – Excellent
- Animal, Vegetable Oils – Excellent
- Water Swell Resistance – Excellent
- Acid, Dilute – Good
- Sodium Hydroxides – Good
- Chlorinated Solvents – Fair to Good
- Oxygenated Solvents – Fair to Good

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