MONMOUTH
RUBBER & PLASTICS CORP.

Updated January 2010

PHYSICAL PROPERTIES CHART

BONDAFLEX™ B29CS

Controlled particle size composites of recycled cellular rubber & plastic foam

PROPERTIES	RESULTS
POLYMER – COMPOSITE FOAM CONTAINING A NEOPRENE/EPDM/SBR BLEND	YES
TEST TO THE LATEST REVISION OF ASTM-D-1056 SPECIFICATION, USING SQUARE SPECIMENS	YES
DENSITY: 328 Kg/m3 (20 LBS/FT3) MIN OPEN-CELL AND CLOSE-CELL PARTICLES ARE PERMISSIBLE	25.15
STRESS @ 25% DEFLECTION: 10 TO 20 P.S.I.	14..25
DEFLECTION PROPERTIES AFTER HEAT AGING: (168 HOURS @ 158°F +/- 30%)	+7%
WATER ABSORPTION WITHOUT VACUUM: MAX. 5%	2.8%

IMAGINE WHAT BONDAFLEX™ CAN DO FOR YOU!

FEATURES	BENEFITS
Sheet Size 36" x 54"	Allows for the use of Standard 54" Adhesive
Custom Sheet Sizes Available	Allows Maximum Yield of Customer Parts
Controlled Particle Size	More Consistent Physical Properties
Custom Color Coding	Where Required for Product Identification
Split on Heavy Duty Precision Splitters	Assures Thickness Tolerances are Held
Available In a Broad Range of Densities Including Ultra-High Density	The Most Cost Efficient Cellular Material Where High Mass (Density) is a Functional Requirement
No Additives to Interfere with Bonding	Allows for the Use of Low Cost PSA
Used for Over 20 Years in Industrial, Athletic, and Construction Applications	Stay with a winner - Proven Performance Over a 20+ Year Track Record
Made Primarily from in-House Raw Materials	Consistent Physical Properties and Guaranteed Availability of Supply
Low Compression Set	Assured Performance for Your Application
Excellent Dynamic Cushioning	Certified and Quantifiable Test Results for Dynamic Cushioning, Vibration, and Shock Absorption
Fully ROHS Compliant	Meets Global Requirements

This data and information is provided as a technical service and is subject to change without notice. Some of the above information may be provided from outside sources and MRPC relies on those sources to provide accurate information. Test results provided based on our own lab testing is believed to be accurate and is provided to the best of our ability based on our knowledge of the test methods and specifications listed. However, please keep in mind that some materials have unique physicals that are not part of the recognized industry specifications and standards. Therefore customer sample evaluation and approval of any material is suggested. MRPC will provide free of charge samples of its materials to assist customers in their evaluation to determine the safety, fitness and suitability of the product for the application and use by the user and by any third party which may use the product. MRPC cannot control the final use of the product and, therefore, does not guarantee the performance or the exact duplication of the results published in this document. For technical evaluation and support, please contact John M. Bonforte, Sr, Ext. 12 or email: johnsr@monmouthrubber.com

PHYSICAL AND SHOCK ATTENUATION TEST LABORATORY

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