



MANUFACTURER OF
**CLOSED CELL SPONGE RUBBER
& PLASTIC FOAM**

MADE IN AMERICA
TRUSTED THROUGHOUT THE
WORLD



OCTOBER 2018

PHYSICAL PROPERTIES CHART
BONDAFLEX™ B29CS

Controlled Particle Size Composites of Recycled Cellular Rubber & Plastic Foam

PROPERTIES	TEST METHOD	RESULTS
COLOR – BLACK WITH IDENTITY MULTI COLOR TRACES	MRPC	PASS
POLYMER - NEO/EPDM/SBR/NBR	MRPC	PASS
DENSITY PCF (MASS) 26 MIN. / 33 MAX.	ASTM-D-1056-14	30.75 pcf
COMPRESSION DEFLECTION @ 25% MIN. 18 PSI / MAX. 26 PSI	ASTM-D-1056-14	22.35 psi
COMPRESSION DEFLECTION @ 50% MIN. 70 PSI / MAX. 80 PSI	ASTM-D-1056-14	76.47 psi
COMPRESSION SET 25% MAX.	ASTM-D-1056-14 B2	14%
FULLY ROHS COMPLIANT	ROHS	YES, PASS
100% FREE OF CFC'S + HCFC'S	MRPC	YES, PASS
DIMENSIONAL STABILITY UNDER 0.5% SHRINKAGE LTH + WIDTH	MRPC 2" WIDE X 30" LONG SPECIMEN	L = .001% W = 0%
CONSTANT COMPRESSION CREEP 2% MAX.	ASTM-D-3575-14	.75%
WATER ABSORPTION WITHOUT VACCUM MAX 5%	MRPC	2.6%
DEFLECTION PROPERTIES AFTER HEAT AGING (168 HRS @ 158°F) +/- 30% MAX	ASTM-D-1056-14	17.62%
SUSTAINABILITY, RECYCLABLE 100%	MRPC	YES, 100%

IMAGINE WHAT BONDAFLEX™ CAN DO FOR YOU!

FEATURES	BENEFITS
Sheet Size 36" x 54"	Allows for the use of Standard 54" Adhesive
Controlled Particle Size	More Consistent Physical Properties
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
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
Sustainability	Offer Your Customer Sustainability

DISCLAIMER: To the extent that the above product information is derived from sources other than Monmouth Rubber, Monmouth Rubber is substantially, if not wholly, relying upon the other source(s) to provide accurate information. Information provided as a result of Monmouth Rubber's own technical analysis and testing is accurate to the extent of our knowledge and ability, using effective standardized methods and procedures. Each user of these products, or information, should perform their own tests to determine the safety, fitness and suitability of the products, or combination of products, for any foreseeable purposes, applications and uses by the user and by any third party to which the user may convey the products. Since Monmouth Rubber cannot control the end use of this product, Monmouth Rubber does not guarantee that the user will obtain the same results as published in this document. The data and information is provided as a technical service, and the data and information is subject to change without notice. When considering the above product as a competitive equivalent material, 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 substitution is suggested. Monmouth Rubber will supply free of charge evaluation & testing of its materials to assist customers in their evaluation. For technical evaluation and support, please contact John M. Bonforte, Sr., Ext. 12, or email: johnsr@monmouthrubber.com



**ISO CERTIFIED 9001:2008
CERTIFICATE #US08/5033**



Have a Technical Question?
"Ask John" is Monmouth's global technical support service. It is **FREE** and brings real value to your company. It allows Monmouth's customers and visitors to have a 24/7 Technical Library & Test lab, absolutely **FREE**. Have a technical question or problem? Just email johnsr@monmouthrubber.com, or call 1-732-229-3444 Ext 12 and "Ask John".

Monmouth Rubber & Plastics Corp., 75 Long Branch Ave., Long Branch, N.J. 07740
Phone: 888-FOAM-888 Ext.11 Int'l Phone: 1-732-229-3444 Ext.12 Fax: 1-800-375-1962 Int'l Fax: 1-732-229-0711
Email: johnsr@monmouthrubber.com Web: www.MonmouthRubber.com