

## Rogers Corporation R/bak® SS Cushion Mounting Materials, Supported Soft

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

### Material Notes:

R/bak® materials are high-density, open cell, polyurethane foams used to build thickness on the cylinder, provide cushioning and absorb vibration in the Flexographic printing process. The use of R/bak cushioning materials results in uniform quality printing over long run conditions. R/bak materials are available in a variety of length and thickness configurations. R/bak SF and R/bak SS materials have an integrated polyester support layer to ensure dimensional stability and serve as a mounting base. R/bak U material is designed without the polyester support layer, and is recommended for cylinder build-up and spot cushioning. R/bak U1A is recommended for cylinder build-up, spot cushioning and spot coating applications for higher print quality. Information provided by Rogers Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Rogers-Corporation-Rbak-SS-Cushion-Mounting-Materials-Supported-Soft.php](http://www.lookpolymers.com/polymer_Rogers-Corporation-Rbak-SS-Cushion-Mounting-Materials-Supported-Soft.php)

Physical Properties	Metric	English	Comments
Density	0.320 g/cc	0.0116 lb/in <sup>3</sup>	ASTM D3574-95 Test A
Water Absorption	2.0 %	2.0 %	AMS 3568
	10 %	10 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	12	12	ASTM D2240
Hardness, Shore O	17	17	ASTM D2240
Tensile Strength	>= 0.517 MPa	>= 75.0 psi	ASTM D3573 Test E
Elongation at Break	>= 100 %	>= 100 %	ASTM D3573 Test E
Compressive Yield Strength	0.0689 MPa @Strain 25.0 %	10.0 psi @Strain 25.0 %	
Tear Strength	>= 0.900 kN/m	>= 5.14 pli	ASTM D624, Die C
Compression Set	<= 1.3 % @Temperature 23.0 °C	<= 1.3 % @Temperature 73.4 °F	ASTM D1667
	<= 3.3 % @Temperature 70.0 °C	<= 3.3 % @Temperature 158 °F	ASTM D3574

## Contact Songhan Plastic Technology Co.,Ltd.

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