

PROPERTY	TYPICAL VALUES	ASTM or UL TEST
PHYSICAL		
HARDNESS, ROCKWELL R SCALE	54	ASTM D 785
MECHANICAL		
TENSILE PROPERTIES		ASTM D 638
MAXIMUM STRENGTH, psi	2150	
YIELD STRENGTH, psi	1680	
ELONGATION AT BREAK, %	59	
FLEXURAL MODULUS, psi	2300	ASTM 695
CO-EFFICIENT OF LINEAR EXPANSION BETWEEN 0° AND 100°C	166 micro inch/ inch/Oc	
CO-EFFICIENT OF FRICTION AGAINST CR-PLATED STEEL	.205	
SPECIFIC GRAVITY DETERMINED BY DISPLACEMENT OF WATER AND WEIGHT METHOD	>1.8	



Redco™ Synsteel Chip Screen

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, whether alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products. For most recent technical information, phone in USA or in Canada.

METRIC

PROPERTIES	TYPICAL VALUES	ASTM or UL TEST
PHYSICAL		
HARDNESS, ROCKWELL R SCALE	54	ASTM D 785
MECHANICAL		
TENSILE PROPERTIES		ASTM D 638
MAXIMUM STRENGTH, MPa	14.8	
YIELD STRENGTH, MPa	11.6	
ELONGATION AT BREAK, %	59	
FLEXURAL MODULUS, MPa	15.8	ASTM 695
CO-EFFICIENT OF LINEAR EXPANSION BETWEEN 0° AND 100°C	166 micro inch/ inch/Oc	
CO-EFFICIENT OF FRICTION AGAINST CR-PLATED STEEL	.205	
SPECIFIC GRAVITY DETERMINED BY DISPLACEMENT OF WATER AND WEIGHT METHOD	> 1.8	

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