



Redco™ SYNSTEEL

PROPERTY	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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