



# Royce

Royce Associates a Limited Partnership  
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## TECHNICAL DATA SHEET

### ROYCE BROWN R LIQUID

Color Index No:	Basic Brown 4
Ionic Character	Cationic
Specific Gravity	1.10
Pounds per Gallon	9.2
pH as Supplied	3.1 – 3.5
Viscosity	300 - 500 cps
Artificial Light Change	Redder
Graniting	Slight
Optimum pH Range	4.5 – 7.0
Relative Two-Sidedness	Topsided
Affinity for Fibers:	
Bleached	Good
Unbleached	Excellent
Lightfastness	Poor
Affinity for Fillers:	
Clay	Very Good
Titanium Dioxide	Fair
Bleachability	Good
Fastness Properties:	
Bleeding in Water	Excellent