

Supplementary Materials: A Facile Way to Modify Polyester Fabric to Enhance the Adhesion Behavior to Rubber

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Table S1. The formula of traditional RFL dipping solution.

Component	Dry weight (g)	Wet weight (g)
Resorcinol	11.0	11.0
Formaldehyde	6.0	16.2
Sodium hydroxide	0.3	3.0
Deionized water	-	235.8
Maturation: 25 °C, 6 h	17.3	266.0
Ammonia (28%)	-	11.3
Deionized water	0	59.2
Vinyl-pyridine latex (40%)	100	250
Maturation: 25 °C, 20 h	117.3	586.5

Table S2. The Rubber Compound Composition.

Component	Content (Phr)
SBR	70
NR	30
Aromatic oil	15
Antioxidant (4010NA)	1.5
Carbon black (N330)	30
Adhesive RS (Compound of resorcinol and stearic acid)	1.5
Silica	15
ZnO	5
CZ Accelerator CZ(N-Cyclohexyl-2-truxene thiazole sulfonamide)	4
SA (Stearic acid))	2
RA Adhesive (2,4,6-Tris[bis(methoxymethyl)amino]-1,3,5-triazine)	1.5
Sulfur	1
Toatal	186.5