



Polychloroprene adhesive

Basis Polychloroprene (CR)

RRS 2202		no filler	SILLITIN Z 86 (PURISS)	AKTISIL PF 777
Polychloroprene (CR)		17.0	17.0	17.0
MgO		0.7	0.7	0.7
ZnO		0.6	0.6	0.6
Alkylphenolic resin		9.0	9.0	9.0
Solvents mix		72.7	72.7	72.7
SILLITIN Z 86 (PURISS)	(1)	---	10.0	---
AKTISIL PF 777	(1)	---	---	10.0
Total parts by weight		100.0	110.0	110.0

Properties

tested on rubber shoe soles

Adhesion strength	N/mm	8.9	8.7	10.4
Enhancement adhesion strength	%	reference	-2.2	+16.9

Recommendation

SILLITIN Z 86	Standard product, balanced profile of properties The puriss grade is particularly easy to disperse.
AKTISIL PF 777	hydrophobic, higher rheological activity, higher adhesion strength
Not tested, however recommended as well:	
AKTIFIT PF 111	same as AKTISIL PF 777, but improved dispersion, highest brightness and color neutrality
AKTIFIT AM	hydrophilic, improved dispersion, highest brightness and color neutrality, for higher requirements to mechanical properties

Suppliers

(1) HOFFMANN MINERAL

More information on this topic:

[Neuburg Siliceous Earth in CR \(polychloroprene\) and UP \(unsaturated polyester resin\) adhesives](#)