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

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