



MACHINERY and EQUIPMENT

Roller cover, light-colored

Resistant to animal fat, colophonic acid and offset print colors

40 Shore A, PNR, sulfur cure

Guide formulation of Astrotech Advanced Elastomerproduct (original: Nippon Zeon)	RRS 45
Norsorex 150 NA	250.0
Naphthenic oil	40.0
Omya EX H1	100.0
Barite	50.0
SILLITIN N 85	100.0
Titanium dioxide	10.0
Zinc oxide	5.0
Stearic acid	1.0
TMTD	1.5
Vulkacit I	1.5
DTDM	1.5
Ethyl Tellurac	0.8
DOTG	1.0
Rhenogran ETU-80	0.6
Total phr	562.9

Physical properties

Cure 45 min @ 145°C

Density	g/cm ³	1.41
Hardness	Shore A	40
Modulus 100 %	MPa	0.7
Modulus 200 %	MPa	1.4
Modulus 300 %	MPa	2.0
Modulus 500 %	MPa	7.5
Tensile strength	MPa	10.0
Elongation at break	%	520
Rebound	%	34

Calendering: calender roll 80-90°C, preheated compound

Core bonding: Chemosil 211/220 or 211/2551

Our applications engineering advice and the information contained in this formulation are based on experience and are made to the best of our knowledge and belief, they must be regarded however as non-binding advice without guarantee. Working and employment conditions over which we have no control exclude any damage claim arising from the use of our data and recommendations. Furthermore we cannot assume any responsibility for patent infringements, which might result from the use of our information.