

FLAME RETARDED PVC FORMULATIONS

PVC formulations for cable industry (LOI 32; Frost resistance -30°C)

Component	PHR
PVC	100
Diethylphthalate	56
ECOPIREN 3,5C or 5,5C - modified with stearic acid 1%	50
Zinc Borate	4
Antimony trioxide	4
Dispersed Carbon	2
Diphenylpropane	0.4
Lead Trihydroxysulfate	4
Calcium Stearate	0.8
Total	221.2

Characteristics	Values
LOI	32
Tensile Strength (MPa)	15
Elongation at Break (%)	300
Brittleness Temperature (°C)	-30
MFI (g/10 min)	33

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