



ECOPIREN
MAKES OUR WORLD PURE AND SAFE

FLAME RETARDED PVC FORMULATIONS

PVC formulations for cable industry (LOI 32; Frost resisted -40°C)

Component	PHR
PVC	100
Diethylphthalate	30
Diethylsebacinate	28
ECOPIREN 5C - modified with stearic acid 1%	50
Antimony trioxide	10
Dispersed Carbon	2
Diphenylolepropane	0.4
Lead Trihydroxysulfate	4
Calcium Stearate	0.8
Total	225.2

Characteristics	Values
LOI	32
Tensile Strength (MPa)	15
Elongation at Break (%)	310
Brittleness Temperature (°C)	-40
MFI (g/10 min)	33

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