

Cogegum® AFR series

HFFR

Halogen Free Fire Retardant compounds for W&C applications



padanaplast®
EXCELLENCE IN COMPOUNDING

Cogegum® AFR series consists of thermoplastic HFFR compounds for wire and cable sheathing and insulation, and are based on polyolefins blends containing a fire retardant system that contributes to give the cable self-extinguish properties without halogenidric acids evolution; furthermore, toxic and corrosive gases emission and smoke generation are particularly reduced. Cogegum® AFR series compounds comply with RoHS requirements (EU Directive 2002/95/EC)

grade	density (g/cm ³)	L.O.I. (%O ₂)	EN 50363-0 M1	EN 50363-0 M9	EN 50363-7 T17	IEC 60502-1 ST ₈	VDE 0207 HM2	VDE 0207 HM4	VDE 0207 HM5	VDE 0207 HJ2	BS 7655 LTS1	BS 7655 LTS2	BS 7655 LTS3	BS 7655 LTS4	BS 6724	IEC 60092 SHF1	UNE 211002 TIZ1	UNE 21123-4	description
Cogegum® AFR/710	1.43	32	■		■	■	■		■	■	■		■		■			■	insulation; enhanced electric properties for L.V. cables; also suitable for small wire insulation
Cogegum® AFR/720 UV	1.48	39	■	■	■	■	■		■	■						■	■	■	insulation and sheathing; enhanced tensile properties; high fire retardancy; excellent UV/VIS resistance
Cogegum® AFR/760	1.51	39	■		■	■	■		■	■						■		■	sheathing; enhanced thermo mechanical performances; high fire retardancy
Cogegum® AFR/760 UV	1.51	39	■		■	■	■		■	■						■		■	sheathing; enhanced thermo mechanical performances; high fire retardancy; excellent UV/VIS resistance
Cogegum® AFR/760 UV black	1.51	39	■		■	■	■		■	■						■		■	sheathing; enhanced thermo mechanical performances; high fire retardancy; excellent UV/VIS resistance
Cogegum® AFR/765	1.52	39	■		■	■	■	■	■	■		■				■		■	sheathing; enhanced thermo mechanical performances; high fire retardancy; improved processability
Cogegum® AFR/765 UV	1.52	39	■		■	■	■	■	■	■		■				■		■	sheathing; enhanced thermo mechanical performances; high fire retardancy; improved processability; excellent UV/VIS resistance
Cogegum® AFR/920 UV	1.43	37	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	sheathing and insulation; enhanced tensile and thermal properties; high fire retardancy; excellent UV/VIS resistance
Cogegum® AFR/960	1.44	30	■	■	■	■	■	■	■	■		■				■		■	sheathing and insulation; very high resistance to mineral oils, fuels and aggressive fluids
Cogegum® AFR 1602 UV	1.47	33	■	■	■	■	■	■	■	■	■	■	■	■	■	■		■	sheathing grade with enhanced tear resistance at high ambient temperature

Verify commercial availability and registration status in each country with local sales representative

Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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