



HFFR THERMOPLASTIC FOR CABLES



HFFR THERMOPLASTIC FOR CABLES		Classification				Density	Hardness	Tensile Strength	Elongation at Break	Oxygen Index	Melt Flow Index
		EN 50363	VDE 0207 0250	BS 7655	OTHERS	ISO 1183 g/cm3	ISO 868 Shore D	ISO 527 N/mm2	ISO 527 %	ISO 4589 %	ISO 1133 g/10'
EVOLUT OH 237	General purposes 80°C	M16	HM2	/	/	1,50	50	≥11	≥185	37	11
EVOLUT OH 238 F	High flexibility	TI6 TM7	HM2	/	/	1,40	41	≥11	≥250	39	18
EVOLUT OH 240	General purposes 80°C	M16 TI6	HM2	/	/	1,55	50	≥12	≥200	40	12
EVOLUT OH 243 C	Special char forming sheathing 80°C (SUGGESTED FOR CPR APPLICATIONS)	M16	HM2	/	/	1,60	51	≥10,5	≥170	43	4
EVOLUT OH 247	High flame retardancy 80°C (SUGGESTED FOR CPR APPLICATIONS)	M16	HM2	/	/	1,57	51	≥12	≥150	47	5
EVOLUT OH 435 A	Good stress crack resistance (SUGGESTED FOR ARMoured CABLES)	M16	HM4	LTS1-4	/	1,48	54	≥13	≥190	35	4
EVOLUT OH 438	General purposes 90°C	M16	HM4	/	/	1,50	50	≥12	≥180	38	8
EVOLUT OH 442	General purposes 90°C	M16	HM4	/	/	1,56	55	≥12	≥165	42	4
EVOLUT OH 444	High flame retardancy 90°C (SUGGESTED FOR CPR APPLICATIONS)	M16	HM4	/	/	1,56	54	≥13	≥150	44	3
EVOLUT OHF 35	Bedding Double step extrusion	/	/	/	/	1,70	49	≥8	≥60	35	15
EVOLUT OHF 50	Bedding high oxygen index Double step extrusion	/	/	/	/	1,67	46	≥9	≥50	50	6
EVOLUT OHF 55	Bedding Tandem extrusion	/	/	/	/	1,94	50	/	/	55	70
EVOLUT OHF 85	Bedding high oxygen index Tandem extrusion	/	/	/	/	1,94	42	/	/	87	60

STORAGE

These compounds must be stored at ambient temperature (not exceeding 30°C) in closed and unbroken bags, in order to avoid exposure to sunlight and moisture. Long stocking time may negatively affect the quality of the material. Therefore they shall be used within 6 months from the compounding date. After this time it is necessary to dry the material before extrusion.

PACKAGING

Available in 25 Kg. plastic bags, big bags or carton octabins.

PROCESSING

These compounds have been designed for an easy processing, whilst maintaining good mechanical-thermal properties and a good oxygen index value. They can be processed using extruders with a low compression ratio or on standard PVC extruders, and within a temperature range of 100-180°C (unless else specified on product TDS)

NOTES

OH is a range of thermoplastic, halogen free and flame retardant compounds based on polyolefins and specific mineral fillers. These grades can be used for insulation, sheathing and bedding of cables installed in environments where low flammability and low smoke emission during combustion is of vital importance.