

THERMOPLASTIC COMPOUNDS LOW SMOKE ZERO HALOGEN FLAME RETARDANT		Standards reference						Density	Hardness at 15"	Tensile Strenght	Elongation at Break	Oxygen Index	M.F.I. 21,6 Kg- 150°C	Volume Resistivity at 20°C
Grade	Description	EN 50363-0	EN 50363-7 and 8	VDE 0207/23	VDE 0250/215	BS 7655	Other	ISO 1183 gr/cm ³ (±0,02)	ISO 868 Shore D (±3)	ISO 527 MPa	ISO 527 %	ISO 4589 %O ₂	ISO 1133 gr/10'	ASTM D257 Ωcm
HF 018/13	Sheathing, Insulation; special cables, low thickness	M1 M9	Tl6	HM2	HM5	LTS 3		1,50	50	14	180	36	6,5	9x10 ¹⁴
HF 018/15	General purpose	M1		HM2	HM5			1,55	53	13	150	40	3,5	8x10 ¹⁴
HF 018/25	Insulation; very low thickness			HM4				1,51	53	11	140	35	10	1x10 ¹⁵
HF 417	Sheathing, designed to meet VDE 0207 part 24 HM2 & HM4, BS 7655 type LTS1 & LTS2			HM2 HM4		LTS 1 LTS 2		1,50	50	12,5	175	38	6	3x10 ¹⁵
HF 018/27F	Sheathing, designed to meet VDE 0207 part 24 HM4			HM4		LTS 2 LTS 4		1,52	51	12	170	38	5	2x10 ¹⁵
HF 018/9	General purpose	M1	Tl6	HM2	HM5	LTS 3		1,53	51	14	170	38	3,5	1x10 ¹⁵
HF 039/1	Sheathing, High flexibility		Tl6 TM7	HM2			IEC 60092 SHF1	1,49	42	10	200	36	9	1x10 ¹⁴
HF 039/4H	Sheathing, Insulation; High flexibility		Tl6 TM7	HM2				1,39	41	11	260	34	13	1x10 ¹⁵
HF 045	General purpose; improved fire performance	M1	Tl6	HM2	HM5			1,52	49	12,5	190	38	8,5	9x10 ¹⁴
HF 045/11	Sheathing; Insulation; low shrinkage	M1		HM4		LTS 2		1,50	49	13	170	36	6,5	1x10 ¹⁴
HF 045/16M	Sheathing, Insulation; low shrinkage	M1		HM4		LTS 2		1,45	49	12,5	150	40	5	2x10 ¹⁵
HF 068/14	Shathing	M1		HM4	HM5	LTS 2 LTS 4		1,49	51	13	175	40 ± 5	4	3x10 ¹⁵
HF 079	High flexibility, good strees crack resistance	M1		HM2	HM5	LTS 1 LTS 3	EN 60502 ST8	1,48	42	11,5	240	37	3,5	3x10 ¹⁵
HF 200	Sheathing, Insulation; good extrusion speed	M1		HM2	HM5	LTS 1 LTS 3		1,49	45	12	180	36	5	2x10 ¹⁵
HF 207	Sheathing; good processability			HM2	HM5	LTS1	IEC 60092 SHF1	1,50	49	12	175	36	6	2x10 ¹⁵
HF 207HC	Sheathing; good processability			HM2	HM5	LTS1	IEC 60092 SHF1	1,49	49	12	175	37	6,5	2x10 ¹⁵

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Grade	Description	EN 50363-0	EN 50363-7 and 8	VDE 0207/23	VDE 0250/215	BS 7655	Other	ISO 1183 gr/cm ³ (±0,02)	ISO 868 Shore D (±3)	ISO 527 MPa	ISO 527 %	ISO 4589 %O ₂	ISO 1133 gr/10'	ASTM D257 Ωcm
HF 211	Insulation and Sheathing, improved processability	M1		HM2	HM5	LTS 1 LTS 3		1,49	50	12	180	37	8	1x10 ¹⁵
HF 213	General purpose, improved processability	M1	T16	HM4	HM5	LTS 1 LTS 3		1,49	50	12	180	42	6	6x10 ¹⁴
HF 215	High flame retardancy, improved processability	M1	T16 TM7		HM5			1,54	50	11	170	> 45	3	1x10 ¹⁵
HF 217	Insulation, improved processability	M1	T16	HM4	HM5		HD 21-15 TIX	1,45	50	13	180	41	5,5	2x10 ¹⁴
HF 22G	Sheathing; standard grade improved processing speed	M1	T16	HM2	HM5			1,50	51	11	170	33	7	1x10 ¹⁵
HF 28	Sheathing; good mechanical properties	M1	T16	HM2	HM5			1,48	50	13	190	35	4	3x10 ¹⁴
HF 38	General purpose	M1	T16	HM2	HM5			1,52	48	12	160	38	6	1x10 ¹⁴
HF 400	General purpose			HM4		LTS 2 LTS 4		1,50	49	12	165	35	7,5	2x10 ¹⁵
HF 4021	General purpose	M1	T16	HM2	HM5			1,51	49	12	170	40	10	9x10 ¹⁴
HF 4021/TC	Improved flame retardancy	M1	T16	HM2	HM5			1,53	49	12	160	42	6	9x10 ¹⁴
HF 4024	Insulation and Sheathing, improved processability	M1		HM2	HM5	LTS 1 LTS 2	EN 60502 ST8	1,50	49	12	180	40	6	2x10 ¹⁴
HF 4121	General purpose	M1	T16	HM2	HM5		HD 21-15 TIX	1,45	50	13	180	41	5,5	2x10 ¹⁴
HF 4221	General purpose	M1	T16	HM2	HM5	LTS 1 LTS 3		1,49	50	12	180	42	6	6x10 ¹⁴
HF 4522	High flame retardancy	M1	T16 TM7	HM2	HM5			1,54	50	11	170	> 45	3	1x10 ¹⁵
HFC 0108	Filling and Bedding, designed to meet BS 6724						BS 6724	1,70	44	6	100	34	10	> 10 ¹²
HFC 087/2	Filling and Bedding							1,90	37			40 ± 5		> 10 ¹²