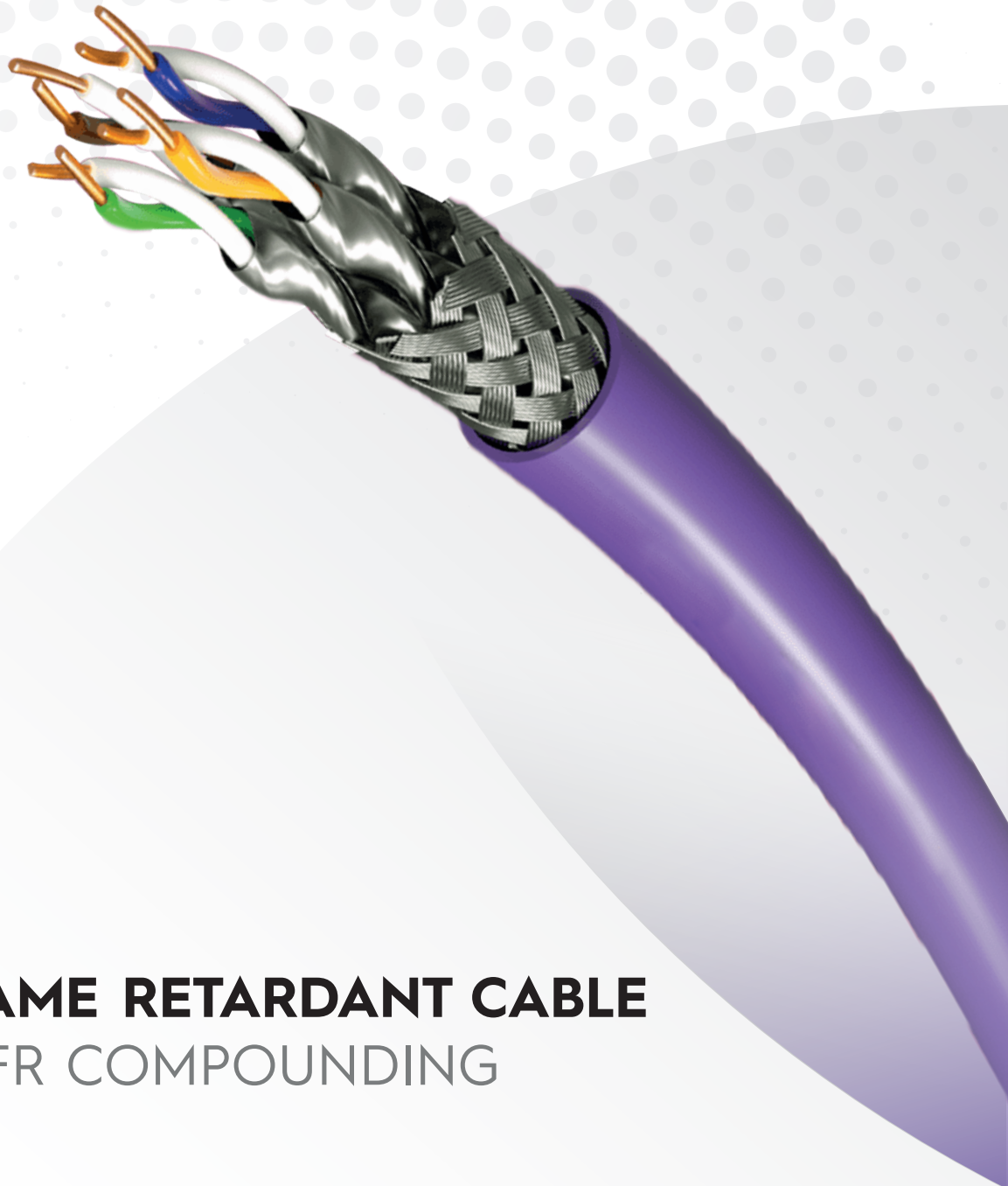




RAM POLYMER



FLAME RETARDANT CABLE

HFFR COMPOUNDING


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HFFR THERMOPLASTIC FOR CABLES


General		Properties		Mechanical Properties		Fire Properties	Classifications				
		Density	Hardness	Elongation at Break	Tensile Strength	LOI	VDE 0207	EN 50363	BS 7655	IEC	
RAM Grade	Description	ASTM D-792 (g/cm ³)	ASTM D-2240 (Shore D)	IEC 60811-501 (%)	IEC 60811-501 - (N/mm ²)	ISO 4589 - (%)				60502	60092
RAM-72	General Purpose 80°C First Price	1.50	48	160	11	36	HM2 HM4	TM7	LTS1 LTS2 LTS3 LTS4	ST8	SHF1
RAM-74	General Purpose 80°C	1.50	48	150	11	36	HM2 HM4	TM7 TI6	LTS1 LTS2 LTS3 LTS4	ST8	SHF1
RAM-74 UV	General Purpose 80°C with UV Resistance	1.50	48	150	11	36	HM2 HM4	TM7	LTS1 LTS2 LTS3 LTS4	ST8	SHF1
RAM-76	General Purpose 70°C	1.51	48	150	11	34	HM2	TI6			
RAM-77 UV	UV Resistance sheating and insulation	1.48	47	170	11	36	HM2 HM4	TM7	LTS1 LTS2 LTS3 LTS4	ST8	SHF1
RAM-77 UV AM	Rodent and Termite Resistance applications with UV protection	1.48	47	170	11	36	HM2 HM4	TM7	LTS1 LTS2 LTS3 LTS4	ST8	SHF1
RAM-95	High Flexibility sheating and insulation	1.46	42	200	10	35	HM2	TM7 TI6			
RAM-97	High Flame Retardancy & Low Smoke recommend for CPR applications	1.55	50	150	11	42	HM2	TI7	LTS1 LTS2 LTS3		

 **Notes:** RAM Grades defined/specified above are all halogen-free, low smoke, flame-retardant products. RAM Grades consist wide range of products can be used for low flammable cable sheatings, insulations and beddings.

 **Processing:** RAM Grades are suitable for thermoplastic or elastomeric extrusion process. We recommend to extrude RAM Grades with low compression screws L/D of 20 to 25. Recommended temperatures may differ in between 110°C - 175°C depending on thermal stability of extruder.

 **Storage:** RAM Grades can be stored up to 3 months on dry and cool conditions. Exposure to moisture or sunlight may reduce shelf life and quality.

 **Packaging:** RAM Grades can be packaged in 1250 kg humidity protected Octabin Boxes, Big Bags or 30 kg PE bags on wooden pallets.

 **Disclaimer:** The information given in datasheet is believed to be accurate and reliable. However, no warranty is given as to the suitability, accuracy, reliability or completeness of the information. This information does not hold us liable for damages or penalties resulting from following our suggestions or recommendations.