

## TECHNICAL INFORMATION



### HF 039/4H



#### Description:

HAX HF 039/4H is a thermoplastic flame retardant compound halogen free on polyolefinic basis. It can be used for the production of energy, signal and control cables. The properties of the compound are according to HD 21-14 S1 Type TI 6 - TM 7

Property	Test method	Unit	Value
Density	ISO R 1183	gr/cc	1.39
Hardness at 15"	ISO R 868	Shore D	41
Tensile strength	ISO R 527	N/mm <sup>2</sup>	11
Elongation at break	ISO R 527	%	260
Oxygen Index	CEI 20-22	% O <sub>2</sub>	34
Thermopression at 80 °C	CEI 20-34/3-1	%	<50
Water absorption	CEI 20-34	mg/cm <sup>2</sup>	2.0
Emission of Halogenidric acids	CEI 20-37	%	Zero
Melt Flow Index (21,6 Kg at 150 °C)		gr/10 min	13
Volume Resistivity 20 °C (Alternating Polarity Method)	ASTM D257 Electrodes	Ωcm	1·10 <sup>15</sup>

*The description and figures contained herein are provided to customers as a general information for the purposes the product is intended for. These reflect FAINPLAST knowledge at the time of publication. By the information contained herein FAINPLAST won't release any warranty and/or give any suggestion on the use of the product, or grant any franchise on existing patents. The end-user, transformer shall always check the specific suitability of the product for the purposes it is intended for and its compatibility with process specifications. This document does not form part of any contract with customer.*