

## Ingredients for HS2-825

### 1. Ingredients

Article-No. / Material-NO.	CAS NO.	Basic substances name	Portion(from - to)[%]
EVAC- F			98-100
	24937-78-8	Ethylene-vinyl acetate copolymer	35-40
	9002-88-4	Polyethylene	20-25
	1309-64-4	Antimonytrioxide	8-12
	84852-53-9	1,1'-(Ethane-1,2-diyl)bis[pe ntabromobenzene]	15
	1309-42-8	Magnesium hydroxide	4-6
	1344-28-1	Aluminium oxide	5
	1333-86-4	Carbon black	2.5-3.5
	System	Misc., not to declare	1-3

### 2. Typical technical performances

Test Items	Test method	Test requirements
Tensile strength	ASTM D2671	≥10.4 MPa
Elongation	ASTM D2671	≥200%
Tensile strength afer aging at 158°C for 168H	UL224	≥70% retention
Elongation afer aging at 158°C for 168H	UL224	≥100%
Heat shock at 250°C for 4H	UL224	No dropping & cracking
Flammability	UL224	VW-1
Volume resistance	UL224	≥10 <sup>14</sup> Ω.cm
Cold bend at -30°C 1H	ASTM D2671	No cracking