

Produkt- / Product-Information

**APYMAG 30, APYMAG 40, APYMAG 60, APYMAG 80
APYMAG 30S, APYMAG 40S, APYMAG 60S, APYMAG 80S**

**Mineralische Flammschutzmittel für
Mineral flame retardants for**

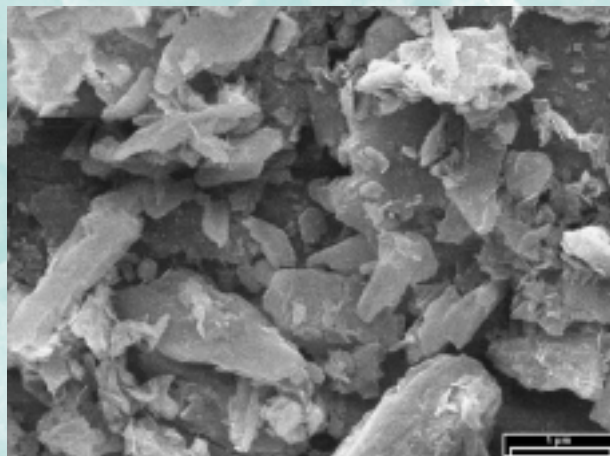
- **Bauindustrie / Construction industry**
- **Fahrzeugbau / Public transport**
- **Elektro-/Elektronikindustrie / Electronic industry**

APYMAG®

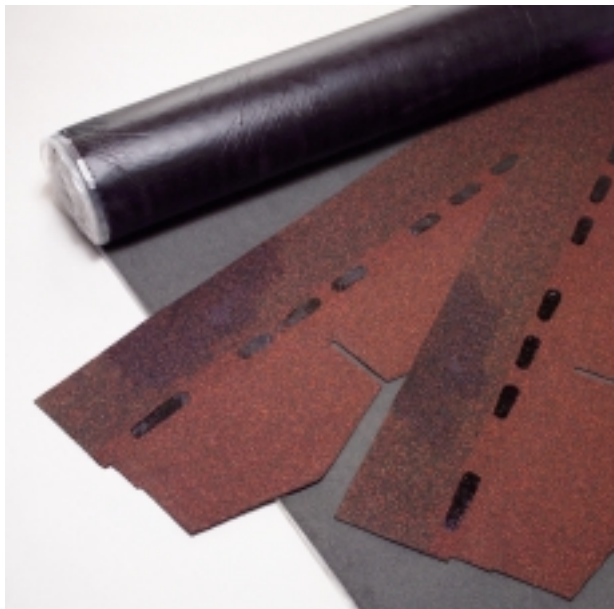
Durchschnittsanalyse / Typical analysis		APYMAG 30	APYMAG 40	APYMAG 60	APYMAG 80
Mg (OH) ₂ - Gehalt / -Content	[%]	90	90	92	93
Feuchte / Moisture	[%]	0.5	0.5	0.5	0.5
Glühverlust / Loss on ignition	[%]	31	31	31	31
Teilchengröße / Particle size					
(Laserbeugung) / (Laser diffraction)	D ₁₀ [µm]	2.5	1	1	1
	D ₅₀ [µm]	12	5	3.5	3
	D ₉₀ [µm]	25	18	14	8
Siebrückstand / Sieve analysis					
(> 45 µm)	[%]	0.2	0.2	0.02	0.02
Spezifische Oberfläche / Specific surface area					
(BET)	[m ² /g]	3	4	6	8
Schüttdichte / Bulk density					
	[kg/m ³]	600	450	350	350
Ölaufnahme / Oil absorption					
	[ml/100g]	19	20	23	26
Weißgrad / Whiteness					
(Elrepho 457 nm)	[%]	90	94	94	95
Spezifische Leitfähigkeit / Specific conductivity					
	[µS/cm]	350	350	350	350
Stearinsäure / Stearic acid		APYMAG 30S	APYMAG 40S	APYMAG 60S	APYMAG 80S
	[%]	0.5	0.5	0.5	0.5
Dichte / Density					
	[g/cm ³]	2.4	2.4	2.4	2.4

Produktvorteile / Product properties

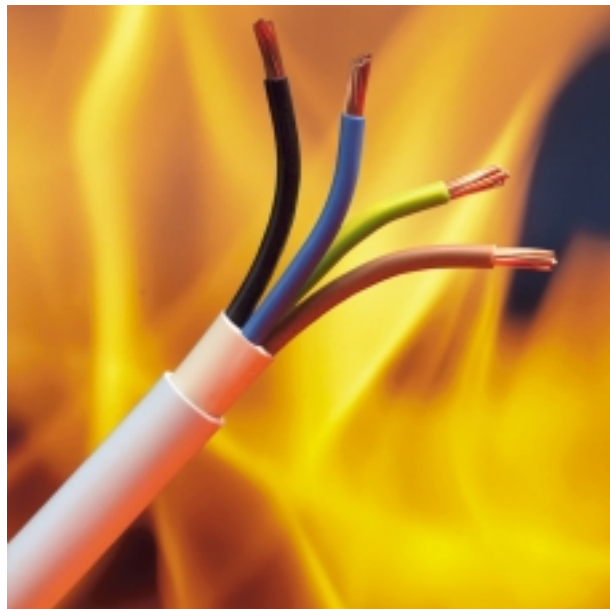
- **Verarbeitbar bis 300 °C
Processable up to 300 °C**
- **Niedrige Viskosität
Low viscosity**
- **Guter Rauchgasunterdrücker
Good smoke suppressant**



Beispiele für den Einsatz von APYMAG / Examples for the use of APYMAG



Dachbahnen für den Objektbau auf Basis TPO, EPDM oder Bitumen / Roofing membranes based on TPO, EPDM or bitumen respectively

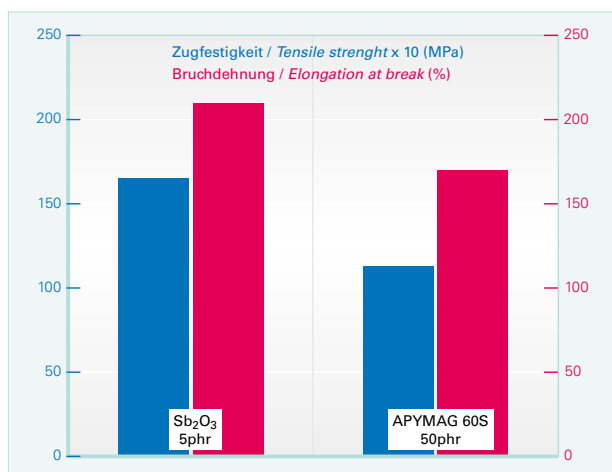


Halogenfrei flammgeschützte und rauchgasreduzierte Kabel / Halogenfree fire retardant and smoke suppressed cables

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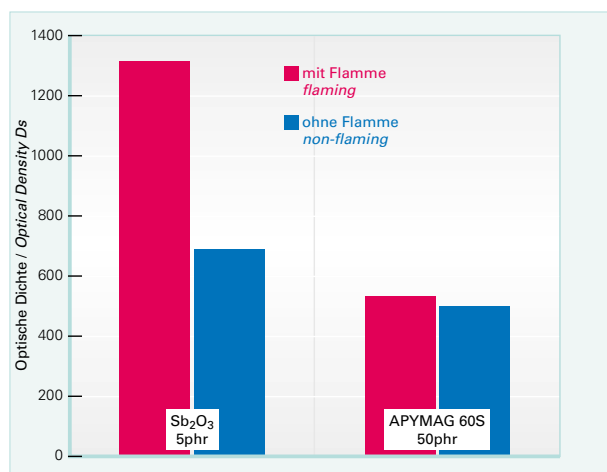
Mechanische Eigenschaften flammgeschützter PVC-Compounds

Mechanical properties of flame retardant PVC compounds



Maximale Rauchgasdichte für mit Antimontrioxid bzw. APYMAG 60S flammgeschütztem PVC

Maximum smoke density for fire retardant PVC compounds containing Antimonytrioxide and APYMAG 60S respectively



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All data listed in this brochure are reference values and subject to production tolerances. These values are exclusive to the product description and no guarantee is placed on the properties. It remains the responsibility of the users to test the suitability of the product for their application.