HabasitLINK® Fiche technique matériaux Detectable Polyamide (Nylon) PA+DE

Material description

- Developed for food applications where the plastic needs to be detectable
- Very well detectable with metal detector, good detectability with X-rays
- Good mechanical properties
- In wet conditions, dimensions change up to 2%
- EU and FDA food contact, colors and details see Declaration of Compliance (DoC) on www.Habasit.com

Code	Material	Property	Density	Temperature range	Couleur
			g/cm³		
PA+DE	Detectable Polyamide (Nylon)	Thermoplastic material with a special additive, which makes the material very well detectable (metal detectors and X-rays). Mainly foreseen as rod material in detectable belts. Material is very wear and fatigue resistant.	1.25	Dry conditions: -46°C to +90°C (short-term +120°C) *-51°F to +194°F (short-term +248°F)* Wet Conditions: Not recommended	Bleu

Expansion thermique	mm/m*°C	in/ft*°F
Coeff. de dilatation thermique linéaire **α**	0.12	0.00078

Habasit support for design and calculation

Pour faciliter la conception et le calcul des convoyeurs à bande modulaire en plastique, Habasit fournit sur demande des documents et des outils supplémentaires.

- Guide technique contenant des informations complémentaires sur la conception et le calcul des convoyeurs.
- Programme de calcul permettant d'analyser le dimensionnement et les forces agissant sur un convoyeur en cours de conception.

Pour plus d'informations ou pour obtenir ces documents supplémentaires, veuillez nous contacter.

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