

Material description

- Strong, wear resistant material for modules, pins and sprockets
- Very well long-term heat resistant up to 130°C / 270 °F
- Good impact properties above +40°C / 105 °F
- Low flammability UL94 V-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/cm ³		
PA	Polyamide (Nylon)	Thermoplastic material with high strength and abrasion resistance. Suitable for heavy duty applications at dry conditions and elevated temperatures. Material is specially modified to keep its good properties stable over a long time at elevated temperatures	1.14	Dry conditions: -46°C to +130°C (short-term +160°C) -50°F to +266°F (short-term +320°F) Wet Conditions: Not recommended	Beige Noir Bleu Gris

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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