

HabaCHAIN® Fiche technique matériaux

Low friction Polyoxymethylene (Acetal) PT



Material description

- Silicon free, self-lubricating material for beverage and canning applications
- Low friction against conveyed goods
- Low dusting for smooth and clean product handling
- Very scratch and wear resistant surface
- Good resistance against lubricants and cleaning agents

Code	Material	Property	Density	Temperature range	Couleur
			g/cm ³		
PT	Low friction Polyoxymethylene (Acetal)	Low-friction POM (Acetal). The material shows low coefficient of friction against conveyed goods, high strength and good abrasion resistance. Suitable for high speed applications with reduced lubrication.	1.43	Conditions humides: -40°C à +60°C -40°F à +140°F Conditions sèches: -40°C à +93°C -40°F à +200°F	Gray-brown Blanc

Expansion thermique	mm/m*°C	in/ft*°F
Coeff. de dilatation thermique linéaire α	0.09	0.0006

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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