

Aramid short fibre 7313

TECHNICAL DATA SHEET

FICHE TECHNIQUE

mise à jour / up dated : January 2019

Composition:	>97% para-aramid (para-phenylene-terephthalamide) fibre May contain up to <3 % phenolic resin particles <0.5% PA/PES ¹ <0.5% finish on fibre	
Packaging:	5 kg net weight in plastic bag; 12 bags in a carton [120x80x54 cm] Every carton (cardboard box) and every bag in the carton is labelled 4 cartons per euro - pallet. Every shipment is accompanied by a certificate of analysis.	
Short fibre dimensions²:	Average Length \approx 0.70 mm Width/Diameter \approx 22 μ m	
Surface area:	N ₂ adsorption per BET ³ (Micromeritics TriStar)	1.6 – 2.5 m ² /g
Humidity:	Determination per SARTORIUS MA-37 (5 min. 105 °C IR)	3.5 \pm 1.5 %
Properties:	Insoluble in water and most solvents; odourless; 1.44 g/cm ³ ; non-melting; thermally stable from -200 to over +300 °C; chemically inert and very resistant.	
Application areas:	Reinforcement and stabilization of composites, friction (brakes), gaskets and sealing products; thermal and acoustical damping.	

¹ Polyamide [PA] or Polyester [PES] (particles)

² Average from several 100'000 measurements (Eurocon)

³ Brunauer, Emmet & Teller (measuring method)

Santé et Sécurité : Les fibres d'aramide ne sont pas dangereuses pour la santé. Toutefois, sous forme de fibrettes courtes et de poussières, elles sont irritantes pour la peau, les yeux, les voies respiratoires ; les produits d'ensimage peuvent parfois provoquer des allergies. On devra s'en protéger avec des masques à poussières, combinaisons légères, lunettes, gants.

☞Elles sont inflammables à haute température (>500°C) et les vapeurs peuvent être explosives.

Health and Safety : Aramid fibres are not dangerous for health. However, as short fibres and dusts, they cause irritation of skin, eyes, respiratory tract; the sizing sometimes causes allergies. People will have to wear dust protections like face masks, glasses, light overalls, gloves.

☞They are inflammable at high temperature (>500°C) and their vapours can be explosive.