

Data Sheet
Dexnyl™ 185 TPI-Powders Nat.

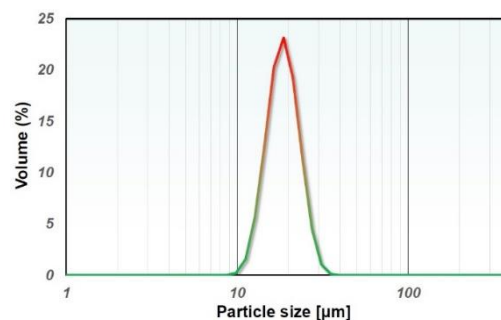
Product Description:

High temperature thermoplastic Polyimide (TPI), semi- crystalline, powder with average particle size of 25 µm, white color

Applications:

- To use for development of high temperature coatings, and compounds
- To produce semi-finished and finished part through hot compression compounding for high temperature resistant, self-lubricant and high friction applications

Material Properties	Condition	Test Method	Unit	Dexnyl™ 185 TPI
Physical Date				
D10		-	µm	14.8
D50		-	µm	19.7
D90		-	µm	26.1
Bulk Density	Powder	ISO 1183	g/cm ³	0.40
Thermal Date				
Melting Point		ISO 3146	°C	323
Glass Transition		ISO 3146	°C	185



Homogeneous particle distribution

Distributed by

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The specified values are established from average values of several tests and they correspond to our today's knowledge. They are only to be used as information about our products and as help for the material selection. With these values, we do not ensure specific properties, or the suitability for certain application. No warranty, representation, guarantee or legally binding product description is provided by publishing this informational data.

For information about divergent properties do not hesitate to contact us. On request we advise you regarding the most appropriate component design and the definition of material specifications more suitable to your application data. Notwithstanding, the customer bears all the responsibility for the thorough examination of suitability, efficiency, efficacy and safety of the chosen products in pharmaceutical applications, medical devices or other end uses.
Status: June 2019