

# DynaMix™ PD5501

Ethylene Tetrafluoroethylene Copolymer

Polymer Dynamix

Message:

- ETFE Resin
- Features:
  - Excellent Chemical Resistance
  - Good Dimensional Stability
  - Excellent Processability
- Applications:
  - Aviation
  - Industrial
  - Wire & Cable
  - Sporting Goods

General Information	
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Processability
Uses	Aircraft Applications
	Industrial Applications
	Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.74	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (265°C/5.0 kg)	4.6	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	46.1	MPa	ASTM D638
Tensile Elongation (Break)	370	%	ASTM D638
Flexural Modulus	1170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	No Break		ASTM D256
Thermal	Nominal Value	Unit	
Melting Temperature	265	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Oxygen Index	30 to 32	%	ASTM D2863

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

