

Polyimide PI-6



PI-6 is an amorphous polyimide designed for high-performance adhesives and other structural applications. Provides outstanding thermal performance, exceptional mechanical properties and chemical stability.

PI-6 features high glass transition temperature (over 300°C) which makes it suitable for high temperature applications.

Technical data

	UNIT	PI-6	TEST METHOD
Specific gravity	g/cm ³	1.4	ASTM D-792
Water absorption	%	1.2	ASTM D-570
Mechanical Properties			
Tensile strength	MPa	120	ASTM D-638
Elongation	%	20	ASTM D-638
Compressive strength	MPa	180	ASTM D-695
Thermal Properties			
Glass transition temperature	°C	310	ASTM D-7028
Linear thermal expansion	10 ⁻⁵ /K	4.7	ASTM D-696