

Denyl 370 PI



Polyimide powder can be processed by hot compression molding, direct forming, iso-static compression molding or it can be compounded with other materials as an additive. It is used to produce high strength and heat resistance gears, bearing, sealing elements, etc. and to produce non-toxic fire-retardant products.

Technical data

	UNIT	DEXNYL 330 PI	TEST METHOD
Specific gravity	g/cm ³	1.41	ASTM D-792
Water absorption	%	0.3	ASTM D-570
Mechanical Properties			
Tensile strength	MPa	40	ASTM D-638
Elongation	%	3.5	ASTM D-638
Compressive strength	MPa	150	ASTM D-695
Thermal Properties			
Glass transition temperature	°C	330	ASTM D-7028
Linear thermal expansion	10 ⁻⁵ /K	6.0	ASTM D-696