

Shandong PA1010 PA1010

Polyamide 1010

Shandong Dongchen Engineering Plastics Co., Ltd.

Message:

With the features as small absorption, non-toxic, light weight, excellent electrical insulation properties, good low temperature resistance and dimensional stability, and good forming performance, it can be widely used in aerospace, shipbuilding, automobiles, textiles, instruments, electrical, medical equipment industry, etc.

General Information		
Features	Electrically Insulating	
	Good Dimensional Stability	
	Low Temperature Resistant	
	Non-Toxic	
Uses	Aerospace Applications	
	Automotive Applications	
	Electrical/Electronic Applications	
	Medical/Healthcare Applications	
Physical	Nominal Value	Unit
Density	1.03 to 1.05	g/cm ³
Viscosity Number		
-- ¹	90.0 to 120	cm ³ /g
-- ²	120 to 150	cm ³ /g
-- ³	160 to 200	cm ³ /g
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	> 45.0	MPa
Tensile Strain (Break)	> 250	%
Flexural Stress	> 70.0	MPa
Thermal	Nominal Value	Unit
Melting Temperature	200 to 210	°C
Additional Information	Nominal Value	Unit
Granularity	30.0 to 50.0	N/g
Loss on Drying	< 1.0	%
NOTE		
1.	Type I	
2.	Type II	
3.	Type III	

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