

# Shandong PA1212 Special Resin for Badminton

Polyamide 1212

Shandong Guangyin New Materials Co., Ltd.

## Message:

Features and Applications: Wear resistance, higher strength, better tenacity, strong adhesion and better low temperature resistance. It is applicable to surface coating of wires, cables, optical cables, metal wires or ropes.

## General Information

Features	Good Adhesion Good Wear Resistance High Strength Low Temperature Resistant
Uses	Coating Applications Wire & Cable Applications

Physical	Nominal Value	Unit	Test Method
Water Absorption (Saturation, 23°C)	< 0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	300	%	ISO 527-2
Flexural Modulus	300	MPa	ISO 178
Flexural Stress	12.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	No Break		ISO 179/1eA
Charpy Unnotched Impact Strength	No Break		ISO 179/1eU

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## Recommended distributors for this material

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