

# Shandong PA612 A5RG7301

Polyamide 612

Shandong Dongchen Engineering Plastics Co., Ltd.

## Message:

Shandong PA612 A5RG7301 is a Polyamide 612 (Nylon 612) material filled with filler. It is available in Asia Pacific.

Important attributes of Shandong PA612 A5RG7301 are:

Good Dimensional Stability

Good Processability

Good Toughness

High Strength

Low Shrinkage

Typical applications include:

Aerospace

Automotive

Electrical/Electronic Applications

Fabrics/Fibers

Industrial Applications

## General Information

Filler / Reinforcement	Filler
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Features	Good Dimensional Stability
	Good Processability
	Good Wear Resistance
	High Strength
	Low Shrinkage
	Low to No Water Absorption
	Ultra High Toughness

Uses	Aerospace Applications
	Automotive Applications
	Electrical/Electronic Applications
	Industrial Applications
	Textile Applications

## Physical

Nominal Value	Unit
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Ash Content	35	%
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## Mechanical

Nominal Value	Unit
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Tensile Stress (Yield)	108	MPa
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Tensile Strain (Break)	7.0	%
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Flexural Modulus	5000	MPa
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Flexural Stress	146	MPa
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## Impact

Nominal Value	Unit
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Charpy Notched Impact Strength	34	kJ/m <sup>2</sup>
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Charpy Unnotched Impact Strength	100	kJ/m <sup>2</sup>
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#### 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

