

# Shandong PA6 FRGFPA6

Polyamide 6

Shandong Dongchen Engineering Plastics Co., Ltd.

Message:

Shandong PA6 FRGFPA6 is a Polyamide 6 (Nylon 6) material. It is available in Asia Pacific.

Important attributes of Shandong PA6 FRGFPA6 are:

Flame Rated

Flame Retardant

Heat Resistant

High Strength

Wear Resistant

Typical applications include:

Appliances

Automotive

Electrical/Electronic Applications

General Information		
Features	Flame Retardant	
	Good Wear Resistance	
	High Heat Resistance	
	High Strength	
Uses	Appliance Components	
	Automotive Applications	
	Electrical/Electronic Applications	
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	80.0	MPa
Tensile Strain (Break)	3.0	%
Flexural Stress	80.0	MPa
Impact	Nominal Value	Unit
Notched Izod Impact Strength	8.0	kJ/m <sup>2</sup>
Unnotched Izod Impact Strength	35	kJ/m <sup>2</sup>
Thermal	Nominal Value	Unit
Heat Deflection Temperature (0.45 MPa, Unannealed)	220	°C
Flammability	Nominal Value	Test Method
Flame Rating	V-0	UL 94
Additional Information	Nominal Value	Unit
Residue of Combustion	28 to 32	%

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## 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

