

# DynaMix™ 4144-35GF

Polyphthalamide

Polymer Dynamix

## Message:

Glass Filled PPA Alloy

Features:

Great Chemical Resistance

Excellent Processability

Good Dimensional Stability

Applications:

Automotive

Industrial

Military

Aerospace

General Information	
Filler / Reinforcement	Glass Fiber
Features	Good Chemical Resistance
	Good Dimensional Stability
	Good Processability
Uses	Aerospace Applications
	Automotive Applications
	Industrial Applications
	Military Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	214	MPa	ASTM D638
Tensile Elongation (Break)	3.0 to 4.0	%	ASTM D638
Flexural Modulus	11700	MPa	ASTM D790
Flexural Strength	310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	80	J/m	ASTM D256

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

