

Nylene® 4214

Polyamide 6

Custom Resins Group

Message:

Impact-modified nylon 6 with excellent molding characteristics and very good physical properties.

General Information	
Additive	Impact Modifier
Features	Good Moldability
	Impact Modified
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1930	MPa	ASTM D638
Tensile Strength (23°C)	46.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	100	%	ASTM D638
Flexural Modulus (23°C)	1730	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	850	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	43.3	°C	ASTM D648
Peak Melting Temperature	216	°C	ASTM D3418

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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



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